

SAMPLE STATUS

This section documents key variables used in sampling and interviewing in the survey. **CONTROL** contains the basic case identification number. **WEIGHT** is the adjusted weight assigned to each case in the sample and described in detail in Section 1.0 of Chapter 3. Other specialized weights and variables needed for calculation of the variance are presented following the variable **WEIGHT** and are discussed in Chapters 1 and 2. The remaining variables provide information on the status of the unit, on various aspects of the interview, on vacant units and non-interviews. These variables include the reasons for vacancy and non-interviews and some descriptions for units which have been temporarily or definitely removed from the housing stock. Some units in special places are not considered part of the housing stock, as described in the General--Tenure section. A few concepts related to weights, vacancy, merger and conversions are discussed below. Finally, this section deals with the treatment of non-interviews, missing data in the AHS, and the use of allocation variables.

Zero Weighted Units--Users should note that, in addition to non-interview units (see below for definition) which have a weight of zero, there are other cases which have data present on the files and have been assigned a weight of zero (see the variable **WEIGHT** in this section). These zero weighted units are:

Units in the neighborhood sample. Each cluster of neighborhoods should be weighted equally with other clusters, to calculate the percent of clusters having a particular trait.

Units accidentally interviewed which should not be in the sample. Use of data from these units would cause misrepresentation in the estimates.

Vacant and URE units which are tents, boats, or are located in transient hotels, which are not considered housing units.

(1983 and before) Vacant and URE mobile homes, which were not considered housing units then, but are now.

Vacancy Status--Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season.

"Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

For "year-round" units, vacancy status is categorized in groups such as:

Vacant for sale--Vacant year-round units "for sale" also include vacant units in a cooperative or condominium project if the individual units are offered for sale.

Vacant for rent--Vacant year-round units "for rent" in 1983 and before also included vacant units offered either for rent or for sale.

Rented or sold, not occupied--If any money rent has been paid or agreed upon but the new renter has not moved in as of the date of the interview, or if the unit has recently been sold but the new owner has not yet moved in, the year-round vacant unit is classified as rented or sold, not occupied.

Held for occasional use--This category consists of vacant year-round units which are held for weekend or other occasional use throughout the year. The intent of this question was to identify homes reserved by their owners as second homes. Because of the difficulty of distinguishing between this category and seasonal vacancies, it is possible that some "second homes" are classified as "seasonal" and vice versa.

Other vacant--If a vacant year-round unit does not fall into any of the classifications specified in the distribution, it is classified as "other vacant." For example, this category includes units held for settlement of an estate, units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner.

Units Changed by Merger

A merger is the result of combining two or more housing units into fewer units through structural alteration or change in use. Structural alteration includes such changes as the removal of partitions or dismantling of kitchen facilities. Change in use may result from a simple rearrangement of space without structural alteration, such as unlocking a door which formerly separated two housing units. A change in use also occurs, for example, when a family occupies both floors of a house which formerly contained a separate housing unit on each floor.

Conversion to More Units

Conversions to more units take place when one or more apartments or houses are subdivided to build more or smaller apartments. All units resulting from the conversion become part of the sample if they meet the housing unit definition and are not sample units in another Census Survey. (See Chapter 2 for a discussion of the changes in the 1985 sample design to insure that most units resulting from a conversion can be kept in the AHS sample).

Types and Treatment of Missing Data

There are three sources of missing data in the American Housing Survey Data base: non-interviewed units, unanswered questions that did not apply to the unit, and unanswered questions that did apply to the unit.

Non-interviewed Units

Units which have missing data because no interview was conducted are identified by the variable ISTATUS. Interviews do not take place for a variety of reasons, e.g., the unit could not be located by the interviewer, the household could not be reached or refused the interview, or the unit did not qualify as an eligible housing unit. In addition, units which were not part of the original cohort are assigned missing data in the longitudinal file for years before their first interview.

There are three types of interviews:

- Type A: The unit is occupied by people eligible for the interview. An interview was attempted but could not be obtained (e.g., no one home, respondent refusal, sample unit cannot be reached because of impassable roads).
- Type B: The unit is not eligible for an interview at present but could become eligible for an interview in the future (e.g., unit currently is for nonresidential use; unoccupied site for mobile home, unit under construction, unit severely damaged by fire). Note that vacant units and units occupied entirely by people with URE are not considered non-interviewers. Type B non-interviews will be revisited each survey year, and if they become housing units again, they will be interviewed.
- Type C: The unit is not eligible for the sample, because it no longer exists or because of sampling reasons (e.g., unit demolished, disaster loss, house or mobile home moved, unused permit--abandoned). Type C non-interviews are not revisited in future years, and are dropped from the Census tape. They are however kept on Abt tapes as cases with ISTATUS=6 so that cumulative losses over time can be counted.

Non-interviewed units are assigned a weight of zero. Eligible units which were not interviewed are compensated for by an increase in the weights of other nearby units. Thus, the totals are accurate, but there is an implicit assumption that the non-responding units and responding units would have answered similarly. The non-responding units are few, about 5 percent, so the correction is small. The specific units involved change slightly each year, causing the weights of almost all other units to change slightly as well.

The shifts in weights especially affect longitudinal estimates. If a user is estimating 1974 housing units and what happened to them by 1979, he or she should use 1974 weights (and the categories of "what happened to them" must include "nonresponse in 1979" and "unit demolished or otherwise destroyed by 1979"). If a user is using 1979 units and where they came from, 1979 weights should be used (the categories of "where they came from" must include "nonresponse in 1974" and "unit built or otherwise added since 1974"). If a user is trying to count particular types of change, such as condominium conversion (rental in 1974 to condominium ownership in 1979), he or she will always have an underestimate since some units are not identifiable as conversions at the end of each time period. Estimates may be adjusted based on the combined non-response rate in the 2 years.

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE			
1515	CONTROL	73N-93N 74S-93S	Control Number For Unit Tracking Note: The 1973 National control number is not the same as for succeeding National Surveys. Longitudinal links of 1973 data with later years cannot be done. Note also that for the National Sample Survey, a new sample was drawn in 1985. Cases in the 1985 National and later files cannot be linked to earlier cases (see discussion in Chapter 3). To assist longitudinal studies, data from the 1980 Census Questionnaire are provided on the 1985 National file (see 1980 Census Variables section). In 1987, a completely new sample was drawn for the Houston SMSA. The 1987 and subsequent surveys cannot be linked to the earlier Houston surveys. Eleven digits in 73-83, twelve digits thereafter. Although between 78-79 metro went to 12 digits. In 85N-93N the eleventh digit shows subsamples: 4 Basic sample, except coverage improvement 5 Extra rural sample 7 Extra neighbor sample 8 Coverage improvement in basic sample Note: In 85N-93N the first digit shows 6 equally random panels: 1-6, see PERSINT.	<u>83N</u> 1	<u>83S</u> 1	<u>84S</u>	<u>85N</u>
1516	CONTRLX	78S-83S	Control Number Suffix This is a one digit suffix used to distinguish control numbers in certain areas where the basic sequence of control numbers became too crowded for new numbers to be inserted. CONTRLX is zero in almost all cases, but where it is non-zero, it must be used to distinguish units with identical values in CONTROL.		<u>83S</u> 1		
1517	SAMEHH	87N-93N 86S-93S	Some Hhld Members Lived In Unit For Previous Enumeration 1 Yes 2 No 3 Don't Know 9 Not Applicable			<u>84S</u> 1	<u>87N</u> 1
1518	HHLN	79N-83N 79S-83S	Household Occupancy Number <u>79N-83N</u> <u>79S-83S</u> 1-8 1-8 Households 01-97 1-97 Households 8 Not Answered 99 9 Not Applicable Note: This code counts changes found by the survey since 1973. The counter is increased when a household is replaced by a new household, i.e. no household members are the same. It also increases when a unit becomes vacant and increases when the unit becomes occupied again.	<u>83N</u> 1	<u>83S</u> 1		
1519	DATE	81N-93N 81S-93S	Date of Interview 81N-83N 85N-93N <u>81S-83S</u> <u>84S-93N</u> MMYY Month and year when interview completed MMDDYY Month, day, and year when interview completed 999999 9999 Non-Interview	<u>83N</u> 1	<u>83S</u> 1	<u>84S</u> 1	<u>85N</u> 1
1520	YEAR	85N-93N 84S-93S	Survey Year 84-93 1984-1983 Note: Starting in 1989, prior year type C's have the year that they 1st became type C, and HUD calls the variable, YEER.			<u>84S</u> G	<u>85N</u> G

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE																																																																															
					<u>83S</u>	<u>84S</u>																																																																													
1521	IMONTH	74S-93S	<table><tr><th colspan="4">Interview Panel</th></tr><tr><th>74S-75S</th><th>76S</th><th>77S</th><th>81S</th></tr><tr><th></th><th><u>78S-80S</u></th><th></th><th><u>93S</u></th></tr><tr><td>1</td><td>1</td><td>1</td><td></td><td>January of Following Year</td></tr><tr><td>2</td><td>2</td><td>2</td><td></td><td>February of Following Year</td></tr><tr><td>3</td><td>3</td><td></td><td></td><td>March of Following Year</td></tr><tr><td>4</td><td>4</td><td>4</td><td>4</td><td>April</td></tr><tr><td>5</td><td>5</td><td>5</td><td>5</td><td>May</td></tr><tr><td>6</td><td>6</td><td>6</td><td>6</td><td>June</td></tr><tr><td>7</td><td>7</td><td>7</td><td>7</td><td>July</td></tr><tr><td>8</td><td>8</td><td>8</td><td>8</td><td>August</td></tr><tr><td>9</td><td>9</td><td>9</td><td>9</td><td>September</td></tr><tr><td>10</td><td>10</td><td>10</td><td>10</td><td>October</td></tr><tr><td>11</td><td>11</td><td>11</td><td>11</td><td>November</td></tr><tr><td>12</td><td>12</td><td>12</td><td>12</td><td>December</td></tr><tr><td>99</td><td></td><td></td><td></td><td>Non-Interview</td></tr></table> <p>Note: SMSA Survey interviews are conducted from April of each year through March of the following year. Most units are interviewed during the month shown, but hard-to-find households and new construction may be interviewed in later months. They will still, however, be identified on the tape with the panel to which they were originally assigned. In 1984S and later surveys, cases kept from panels 1-3 were reassigned panel numbers 4-12.</p> <p>In 1977, 81 to 83, 85 and later various panels were omitted to save money. Often more panels were omitted in areas with large samples.</p> <p>Note: In 1990, panels 4&5 have more cases than others, since some previous cutbacks were interviewed in these panels.</p>	Interview Panel				74S-75S	76S	77S	81S		<u>78S-80S</u>		<u>93S</u>	1	1	1		January of Following Year	2	2	2		February of Following Year	3	3			March of Following Year	4	4	4	4	April	5	5	5	5	May	6	6	6	6	June	7	7	7	7	July	8	8	8	8	August	9	9	9	9	September	10	10	10	10	October	11	11	11	11	November	12	12	12	12	December	99				Non-Interview			
Interview Panel																																																																																			
74S-75S	76S	77S	81S																																																																																
	<u>78S-80S</u>		<u>93S</u>																																																																																
1	1	1		January of Following Year																																																																															
2	2	2		February of Following Year																																																																															
3	3			March of Following Year																																																																															
4	4	4	4	April																																																																															
5	5	5	5	May																																																																															
6	6	6	6	June																																																																															
7	7	7	7	July																																																																															
8	8	8	8	August																																																																															
9	9	9	9	September																																																																															
10	10	10	10	October																																																																															
11	11	11	11	November																																																																															
12	12	12	12	December																																																																															
99				Non-Interview																																																																															
1522	WEIGHT	73N-93N 74S-93S	<p>Weight of Each Case in the Sample (Two Implied Decimal Places) In 1977 MS has 4 decimal places.</p> <p>Note: To prepare accurate tables or percentages from this data base, you must use WEIGHT, OLDWT, PWT, SWT, or WWT1-8. The most commonly used is WEIGHT.</p> <p>Note: Weight is zero on non-interviews, on the neighbor sample, on units accidentally interviewed which are not supposed to be in the sample, and on certain types of vacant and URE units which are not considered part of the housing stock (e.g., vacant and URE units in transient hotels, boats, caves). Before 1984, vacant and URE mobile homes also had zero weights. WEIGHT changes each year to impute Type A non-interviews onto interviews and to match AHS estimates with data from other Census Bureau surveys. Beginning in 1981N, WEIGHT is adjusted based on the 1980 Census. Prior to that, it was adjusted based on the 1970 Census. See Chapter 2 for detailed information.</p>	<u>83N</u> G	<u>83S</u> G	<u>84S</u> G	<u>85N</u> G																																																																												
1523	OLDWT	81N 79S-83S 91N-93N	<p>Weight of Each Case in the Sample, Based on 1980 Census Two Implied Decimal Places. (See Chapter 2). In 1979S-82S, 999999 (six 9's) is always used in place of zero. In 1981N, 999999 is used on Abt tapes for cases dropped from the sample or not yet in the sample.</p>	<u>81N</u> G	<u>83S</u> G																																																																														
1524	PWT	85N-93N 83S-93S	<p>Pure Weight: Inverse Of The Probability Of Selection Two Implied Decimal Places</p>	<u>83S</u> G	<u>84S</u> G	<u>85N</u> G																																																																													

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE	
1525	SWT	83S	Inverse Of The Probability Of Selection Adjusted By The Stratification Adjustment Two Implied Decimal Places. See Chapter 3 for detailed information.	<u>83S</u> G	
1526	AWT	74N-83N	Special Code Used In Variance Calculation Four Implied Decimal Places See Chapter 1 for detailed information.	<u>83N</u> G	
1527	WWT1	75N	Weight for Individual Worker 1	<u>81N</u> G	<u>82S</u> G
1528	WWT2	80N-81N	Weight for Individual Worker 2	G	G
1529	WWT3	74S-77S	Weight for Individual Worker 3	G	G
1530	WWT4	82S	Weight for Individual Worker 4	G	G
1531	WWT5		Weight for Individual Worker 5	G	G
1532	WWT6		Weight for Individual Worker 6	G	G
1533	WWT7		Weight for Individual Worker 7	G	G
1534	WWT8		Weight for Individual Worker 8	G	G
Note: Two Implied Decimal Places See Chapter 3 for detailed information. In 1982S, 9999999 (seven nine's) is sometimes used in place of zero.				<u>83N</u> G	
1535	RCLUS	74N-83N	Used In Variance Calculations. See Chapter 1 for detailed information.	<u>83N</u> G	
1536	NCLUS	74N-83N	Used In Variance Calculations. See Chapter 1 for detailed information.	<u>83N</u> G	
1537	CMS	74N-75N	Conversion-Merger Status Since Last Survey 1 Merged 2 Converted to More Units 3 No Change 9 Not Applicable	<u>75N</u> 48	
1538	STRUCT	77N-83N 79S-83S	Status Of Structure 1 Structure Has No Habitable Units 2 One or More Habitable Units 8 Not Reported 9 Not Applicable	<u>83N</u> 1	<u>83S</u> 1
1539	SAMEDU	85N-93N 84S-93S	Same Unit as Last Enumeration Period 1 Yes, Same Unit 2 No (e.g., replacement mobile home, wrong unit interviewed last time) 9 New Construction or Formerly a Type-C Non-Interview	<u>84S</u> 1	<u>85N</u> 1
Note: In 1985N, all cases are coded 9 since a completely new sample was interviewed. Code 9 applies to all adds not just new construction.					

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE			
1545	STATUA	85N-93N 84S-93S	Occupancy Status For Type A Noninterviews 1 Occupied as a Usual Residence by at Least One Person 2 All Occupants Have a Usual Residence Elsewhere 3 Don't Know 9 Not Applicable	<u>84S</u> 1	<u>85N</u> 1		
1546	VACANCY	73N-93N 74S-93S	Reason Why Unit Is Vacant or URE 73N-74N 75N-83N 85N-93N <u>74S</u> <u>75S-83S</u> <u>84S-93S</u> 1 1 1 Vacant--For Rent 2 2 2 Vacant--For Rent or Sale 3 3 3 Vacant--For Sale, Regular 4 4 4 Vacant--For Sale As Condominium 5 5 4 Vacant--For Sale As Cooperative 6 6 5 Rented, Not Yet Occupied 7 7 5 Sold, Not Yet Occupied 8 8 6 Held for Occasional Use-- No Specific Season 9 8 7 Other Vacant or Usual Residence Elsewhere, e.g., pending estate settlement, or held off market for owner's personal reasons. 10 10 8 Seasonal Summer Occupancy 11 11 9 Seasonal Winter Occupancy 12 12 10 Other Seasonal Occupancy 13 9 11 Migratory 14 99 99 Occupied, Non-Interview, or Vacant or URE Units in Transient Hotels, Mobile Homes, or "Other Housing" (see TYPE).	<u>83N</u> 5	<u>83S</u> 5	<u>84S</u> 37	<u>85N</u> 37
1547	MOVAC	73N-93N 74S-93S	Months This House Or Apartment Has Been Vacant 73N-83N 85N-93N <u>74S-83S</u> <u>84S-93S</u> 1 0 0 Months Up to 1 Month 2 1-24 1 Month to 24 Months 3 1 Month Up to 2 Months 4 2 Months Up to 6 Months 5 6 Months Up to 12 Months 6 1 Year to 2 Years 7 25 2 or More Years 8 26 Never Occupied as Permanent Home 9 27 Don't Know 10 99 Not Vacant	<u>83N</u> 5	<u>83S</u> 5	<u>84S</u> 13	<u>85N</u> 13
Note: "Month" refers to any 4 week span of time: e.g., from the 16th of one month to the 16th of the next month, not the 1st to the 31st of a month. (See MOPERM, variable number 24.							
1548	MHSTAY	85N-93N 85S-93S	Mobile Home Will remain Where It Is (Vacant MH Only) 1 Yes 2 No 8 Not Answered 9 Not a vacant mobile home or Not Applicable	<u>85S</u> 16	<u>85N</u> 16		

REF#	NAME	SURVEYS	DESCRIPTION					PAGE ON QUESTIONNAIRE			
1549	NOINT	74N-93N 74S-93S	Type of Non-Interview					<u>83N</u>	<u>83S</u>	<u>84S</u>	<u>85N</u>
			74N-	74S-	77N-	78S-	85N-93N	1	1	1	1
			<u>76N</u>	<u>77S</u>	<u>83N</u>	<u>83S</u>	<u>84S-93S</u>				
			1	1	1	1	1				
			2	2	2	2	2				
			3	3	3	3	3				
			4	4	4	4	4				
			5	5	5	5	5				
			13	13	19	19	10				
			10	10	13	13	11				
			6	6	10	10	12				
			7	7	11	11					
			8	8	12	12	13				
							14				
			9	9	14	14					
							15				
			11	11	15	15					
					16	16	16				
					17	17					
			22	22							
			23	23							
			24	24							
			12	12	18	18	17				
							19				
			14	14							
							30				
			16	16	34	34	31				
					30	30	32				
			17	17	35	35	33				
					32	32					
					33	33					
			21	21							
			15	15	31	31					
			18	18	36	36					
			20	20	38	38	36				
			19	19	37	37	37				
			55		55						
					77						
					81						
			98		98						
			99	99	99	99	99				

Note: Code 16/34/31, House Or Mobile Home Moved: for mobile homes this means no specific site at the address had been set aside for the mobile home (if there had been a site, then Code 8/12/13 would apply). Vacant and URE mobile homes are coded as interviewed units (99) even though they are not part of the housing stock until 1984, and have a weight of zero. See definition of housing units in the introduction to the Tenure, Building and Parking section to identify changes made after 1983.

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE			
1550	BOARDU	74N-93N 79S-93S	Unit Boarded Up (Type B Non-Interviews, It. Obs.) 1 Yes 2 No 8 Not Answered 9 Occupied, URE, Vacant, or Other Non-Interview	<u>83N</u> 1	<u>83S</u> 1	<u>84S</u> 1	<u>85N</u> 1
Note: 74N-76N Applicable if NOINT=9, 11, 12, 22-24 in 77N-81N, 83N Applicable if NOINT=14, 15, 18 in 79S-83S Applicable if NOINT=14, 15-18 in 85N-93N, 84S-93S Applicable if NOINT=10-17							
1550A	MARKET	91N-93N 91S-93S	Occupied: Listed for Sale or Told Landlord Will Vacate Within Month 1 Yes 2 No 8 Not Answered 9 Vacant, URE, or Non-Interview				
1550B	VACVAC	87N-93N 87S-93S	For Rent for Vacation or Short Term Use 1 Yes 2 No 8 Not Answered 9 Occupied, URE, Non-Interview, or Not For Rent				
1551	EXPOSE	85N-93N 84S-93S	Interior of Unit Exposed to Elements 1 Interior Exposed to Elements 2 Interior Not Exposed to Elements 9 Not a Type B Non-Interview				
1552	BBLDG	85N-93N 84S-93S	In Addition to Type B Unit, Other Units in Building 1 Building Contains at Least 1 Unit, Occupied or Vacant 2 Type B Unit is Only Unit in Building 3 All Units Would Qualify as Type B or C Non-Interviews 9 Not a Type B Non-Interview				
1558	DFIRE	85N-93N 84S-93S	Unit Demolished, Moved, or Disaster Loss Because Damaged By 1 Yes 2 No 8 Not Answered 9 Not Applicable				
1559	DISAS	85N-93N 84S-93S	Unit Demolished, Moved, or Loss Because of Other Natural Disaster 1 Yes 2 No 8 Not Answered 9 Not Applicable				

1980 CENSUS VARIABLES

This section describes the 1980 Census variables provided on the 1985 National File to assist longitudinal studies. These variables are provided for most units in the 1985 AHS National file. The 1980 Census variables are not available for units which were added to the housing stock after April 1, 1980 (New Construction, Conversions) or were not classified as housing units in 1980. Some cases may also be missing because the 1980 Questionnaire was not returned or a corresponding record could not be found.

For most 1985N homes except neighbor units, all the variables documented in this section will be available. For most neighbor units only variables identified with a note are available.

The order of the variables parallels the overall order of the Codebook: Geography variables, general characteristics of the unit, rooms, kitchen, plumbing, household composition, income, housing costs, mobility and commuting. The 1980 Census Questionnaire included questions which are not asked in the AHS survey: Employment information, more detailed questions on household characteristics, origins, veteran status. These variables have nevertheless been included, as they provide useful baseline information for households that have not moved between 1980 and 1985. Most of these specialized questions are provided for the head, and for a second adult, which is the spouse if present.

Census variables have been assigned variable names which are identical or similar to the variable name of the corresponding AHS variable. Each variable name ends with the suffix "80" to assist users in identifying the source of the various variables. IT SHOULD NOTED THAT THE CODES USED FOR AHS AND CENSUS VARIABLES ARE RARELY IDENTICAL. For some variables, the phrasing of the question and the resulting coding conventions differ significantly. The location of the item on the Census Questionnaire is provided in the documentation. Users may want to compare the questions from both sources.

Differences in concepts or definitions between AHS and Census are highlighted in the Introductions to the other sections of this Codebook.

The codes used by Census for Occupation, Industry, and Ancestry are numerous. These codes are presented at the end of this section for easy conference.

In order to meet the various analytical needs of Users, the 1980 Census distinguishes three subsamples for the purposes of coding geography variables. These subsamples are referred to under the appropriate variables and are briefly described below:

- A Sample: State is always identified. Metropolitan areas do not always follow the state boundaries, so some codes for metropolitan areas crossing state boundaries are suppressed.
- B Sample: Metropolitan areas are always identified. State is suppressed for some cases in metropolitan areas crossing state lines.
- C Sample: Urbanized areas are always identified. Metropolitan areas and state codes are sometimes suppressed when an urbanized area crosses the state or metropolitan boundaries.

Exhibit 1: Ancestry Codes

(001-099) Western Europe (except Soain)

Code	Ancestry
001	Austrian
002	Tirolean
003	Andorran
004	Basque
005	Belgian
006	Flemish (Flamand, Vlamand)
007	Walloon
008	Cypriot
009	Greek-Cypriote
010	Cypriote-Turk
011	Icelandic
012	Danish
013	Faeroe Islander
014	Dutch (Hollander, Netherlands)
015	Frisian
016	English
017	Channel Islander
	Islanders: Guernsey, Jersey
018	Cornish
019	Welsh
020	Scottish (Orkney Islander, Pict, Shetland)
021	Manx
022	Northern Ireland (Ulsterite, Orangeman, Antrim, Armagh, Down, Fermanagh, Derry, Londonderry, Tyrone)
024	Finnish
025	Livonian
026	Karelian
027	Aland Islander
028	French (French Creole, Gascon, Provençal, Norman)
029	Breton
030	Corsican
031	French Basque
032	German (East German, West German, Pennsylvania Dutch, Pennsylvania German)
033	Bavarian
034	Berlin
035	Black Sea German
036	Hamburg
037	Hanover
038	Hessian
039	Lubecker
040	Lusatian Sorb (Wendish)
041	Prussian
042	Saxon
043	Westphalian
044	Sudetenlander
045	Gibraltar
046	Greek
047	Cretan
048	Cycladic Islander (Dodecanese Islander, Peloponnesian)

Code	Ancestry
050	Irish (Celtic, Dubliner, Eire, Clare, Cork, Donegal, Galway, Kerry, Kildare, Kilkenny, Laoighis, Leitrim, Limerick, Longford, Louth, Mayo, Meath, Monaghan, Offaly, Roscommon, Sligo, Tipperary, Waterford, Westmeath, Wexford, Wicklow)
052	Italian (San Marino, Trieste)
053	Abruzzi
054	Apulian
055	Basilicata (Lucania)
056	Calabrian
057	Campanian (Amalfian)
058	Emilia-Romagna
059	Friulian
060	Rome (Vatican City, Lazio)
061	Ligurian
062	Lombardian
063	Marches
064	Molise
065	Piedmontese
066	Puglia
067	Sardinian
068	Sicilian
069	Tuscan
070	Trentino
071	Umbrian
072	Valle D'Aosta
073	Venetian
074	Liechtensteiner
075	Luxemburger
076	Maltese (Gozo)
077	Monégasque (Monacan)
078	Norwegian
079	Portuguese (Lusitanian)
080	Azorean
081	Madeiran
082	Swedish
083	Swiss
084	Schweiz, Suisse, Switzer
085	Ladin, Romansch
086	Ticino
087	Suisse-Romane
088	Lapp (Sami)
089	Scandinavian (Nordic)
090	Alsatian
091	Lorrainian
092	European
093	Western European
094	Northern European
095	Southern European
096	British Isles
097	British (United Kingdom)
098	Acadian (Cajun)

(100-199) Eastern Europe and Russia

Code	Ancestry
100	Albanian (Gheg, Tosk)
102	Bulgarian (Eastern Rumanian)
103	Macedonian
104	Czechoslovakian (Czech)
105	Bohemian (Moravian)
106	Slovak
111	Estonian
113	Hungarian
114	Magyar
117	Latvian (Lettish)
120	Lithuanian (Jmoud)
122	Polish (Masurian)
123	Pomeranian (Silesian)
124	Kashubian
125	Rumanian
126	Bessarabian (Bucovina, Dobruja)
127	Moldavian
128	Transylvanian
129	Vlach (Wallachian)
131	Yugoslavian (not elsewhere classified)
133	Croatian (Dalmatian, Zadar)
136	Serbian (Bosnian, Herzegovinian, Montenegrin)
137	Slovene
140	Russian
141	Muscovite
142	Crimean (Kurin Islander, Sakhalin Islander, Siberian, Buriat, Dagestan, Balkar, Komit, Mari, Tuva)
143	Adjerbajani
144	Bashkir
145	Chevash
146	Yakut
147	Cossack (Kazak)
148	Kirghiz
149	Mordovian
150	Ossetian
151	Tadzhik (Tajik)
152	Tartar
153	Turcoman (Turkman)
154	Udmurt
155	Usbeg (Uzbek)
156	Votyak
159	Armenian
161	Georgian
163	Ruthenian (Little Russian, Malo-Russian)
164	Carpathian (Carpatho)
166	Ukrainian
168	Belorussian (White Russian)
170	Slav (Slavic)
172	Gypsy (Rom, Boyash, Cali, Dom, Kalderash, Luri, Nat, Senti)
173	Eastern European
174	Central European

Exhibit 1: Ancestry Codes (continued)

(200-299) Spanish Categories		(300-399) Caribbean, Central and South America (except Spanish Categories)		(400-499) North Africa and Southwest Asia	
Code	Ancestry	Code	Ancestry	Code	Ancestry
200	Spaniard (Espanol, Castilian, Iberian, Valencian)	300	Bahamian	400	Algerian
201	Balearic Islander (Canarian, Majorcan, Mallorcan)	304	Cayman Islander	402	Egyptian (Copht, Fellah, United Arab Republic)
202	Spanish Basque (Vasco, Euskalduna)	306	Haitian	404	Libyan (Tripolitanian)
203	Catalonian	308	Jamaican	406	Moroccan (Tangier)
204	Galician (Gallego)	310	Dutch West Indies (Black Dutch, Netherlands Antilles)	407	Ifni
205	Spanish	311	Aruba Islander (Islanders: Bonaire, Curacao)	408	Tunisian
206	Spanish American	312	Saba Islander (Islanders: St. Eustatius, St. Maarten (Dutch))	409	Moor
207	Hispanic (Hispano)	314	Trinidadian/Tobagonian	410	Berber
208	Californio	315	Trinidadian	411	North African
209	Mexican (Mexicano)	316	Tobagonian	412	Alhucemas (Ceuta, Melilla, Chafarinas)
210	Mexican-American	320	U.S. Virgin Islander (Cruzan, Islanders: St. Croix, St. John, St. Thomas)	413	Rio de Oro (Sagua el Hamra)
211	Nuevo Mexicano (Tejano, Aguascalientes, Baja California, Campeche, Chiapas, Colima, Durango, Hidalgo, Jalisco, La Raza, Michoacan, Morelos, Nahuatl, Oaxaca, Puebla, Queretaro, San Luis Potosi, Sinaloa, Sonora, Tabasco, Tamaulipas, Tlaxcala, Veracruz, Yucatan, Zacatecas)	321	British Virgin Islander (Barbudan, Tortolan)	414	Bahraini
212	Chicano	322	Caribbean	415	Iranian (Tehran, Persian)
213	Puerto Rican (Boricua)	323	British West Indian	417	Iraqi
214	Cuban (Cunajiro)	324	Turk & Caicos Islander	419	Israeli
215	Dominican	325	Anguilla Islander (Islanders: Montserrat, Nevis, Redonda, St. Kitts, Sombbrero)	421	Jordanian (Hashemite)
216	Argentinian	327	Dominica Islander	423	Kuwaiti
217	Bolivian	328	Grenada Islander	425	Lebanese
218	Chilean	329	St. Lucia Islander	427	Saudi Arabian
219	Colombian	330	French West Indies	429	Syrian
221	Costa Rican	331	Guadeloupe Islander (Islanders: Martinique, St. Martin (French))	430	Aramean
223	Ecuadorian (Galapagos Islander)	332	Cayenne (French Guianese)	431	Jebel Druse
225	Guatemalan	333	West Indian	432	Latakian
227	Honduran	334	Arawak (Black Carib, Carib, Garifuna)	434	Turkish (Gordian, Hatay, Asia Minor)
229	Nicaraguan	335	Belizean (British Honduras)	435	Yemeni (Yemen Arab Republic)
231	Panamanian (Canal Zone)	336	Brazilian	436	Muscat
233	Paraguayan	337	San Andres	437	Omani
235	Peruvian	338	Guyanese (British Guiana)	438	Trucial Oman
237	Salvadoran	339	Providencia	439	Qatar
239	Uruguayan	340	Surinam (Dutch Guiana)	440	Aden
241	Venezuelan	341	Barbadian	441	Kuria Muria Islander
242	Central American (Latin American, Latino)			442	Bedouin
243	South American (Criollo)			443	Kurd
				444	Palestinian
				445	Trans-Jordan
				446	Gazan
				447	West Bank
				448	People's Democratic Republic of Yemen (South Yemen)
				449	Arabian
				450	Middle Eastern
				451	United Arab Emirates (Trucial States, Abu Dhabi, Ajman, Dubai, Fujairah, Ras al-Kaimah, Umm al-Qaiwain)
				452	Assyrian (Chaldean, Jacobite, Nestorian)

Exhibit 1: Ancestry Codes (continued)

(500-599) Sub-Saharan Africa

<u>Code</u>	<u>Ancestry</u>
500	Angolan (Cabinda)
502	Benin (Dahoman, Fon)
504	Botswana (Bechuanaland)
506	Burundian (Urundi)
508	Cameroonian (Fako)
510	Cape Verdean (Brava)
512	Central African Republic (Ubangi-Shari)
513	Chadian
515	Congolese
516	Congo-Brazzaville
519	Djibouti (Jibuti, Afars, Issas)
520	Equatorial Guinea (Rio Muni)
521	Annobon Islander (Islanders: Bioko, Corsico, Elobeis, Fernando Po)
522	Ethiopian
523	Eritrean
525	Gabonese
527	Gabian
529	Ghanian (Ashanti, Gold Coast, Twi)
530	Guinean
531	Guinea-Bissau
532	Ivory Coast
534	Kenyan
538	Lesotho (Basuto)
541	Liberian
543	Madagascan
546	Malian
547	Mauritanian
549	Mozambican
550	Namibian
551	Niger
553	Nigerian
554	Fulani (Fulah)
555	Hausa
556	Ibo
557	Tiv (Yoruba)
559	Rhodesian (Zimbabwe, Zimbabwe-Rhodesia)
561	Rwandan
564	Senegalese (Dakar)
566	Sierra Leonean
568	Somalian
569	Swaziland
570	South African (Republic of South Africa)
571	Orange Free State (Pretoria, Transkei, Union of South Africa)
572	Afrikaner (Boer)
573	Natalian
574	Zulu
576	Sudanese
577	Dinka
578	Nuer
579	Darfur (Fur)

<u>Code</u>	<u>Ancestry</u>
580	Baggara
584	Tanzanian
585	Tanganyikan
586	Zanzibari
588	Togo
590	Ugandan (Lugbara)
591	Upper Volta
592	Volta
593	Zairian (Belgian Congo, Kinshasa)
594	Zambian
595	African (Afro)
596	Central African (Middle Congo)
597	Eastern African (Galla, Kikuyu, Masai)
598	Western African
599	Comoros Islander (Islanders: Mauritius, Principe, Reunion, Sao Tome, Seychelles, St. Helena St. Pierre, Tristan da Cunha)

(600-699) South Asia

<u>Code</u>	<u>Ancestry</u>
600	Afghan
601	Baluchi
602	Pathan
605	Bengali (East Pakistan)
607	Bhutanese
609	Nepali (India, East Indian, Bharati, Behar, Delhi, Dravidian, Indo-Aryan, Madhya Pradesh, Orissa, Rajasthani, Sikkim, Uttar Pradesh)
614	Punjabi
615	Andhra Pradesh
616	Assamese
617	Gujarati
618	Karnatakan
619	Keralan
620	Maharashtran
621	Naga
622	Tamilian
623	Madras
624	Goanese
625	Mizoram (Mysore)
627	Pondicherry
628	Andaman Islander (Nicobar Islander)
630	Pakistani (Sind, Jammu, Kashmirian, West Pakistan)
633	Ceylonese (Shri Lankan)
634	Singhalese
635	Veddah
637	Maldivian

<u>Code</u>	<u>Ancestry</u>
<u>(700-799) Other Asia</u>	
700	Burmese (Chin, Cachin, Karen, Mon, Palaung)
701	Burman
702	Shan
703	Cambodian (Kampuchea)
704	Khmer
706	Chinese (Jehol, Uigur, Yao)
707	Cantonese (Formosan)
708	Manchurian
709	Mongolian (Kalmuck)
710	Tibetan
711	Tibetan
712	Macao (Portuguese Macao)
714	Filipino (Philipino, Cebuanos, Ilocanos, Tagalog)
717	Indonesian (Islanders: Ascension, Celebes, Sulawesi, Molucca, Spice, Java, Sumatran, Bangka, Billiton, Brunei, Borneo, Dutch East Indian, Portuguese Timor)
719	Japanese (Issei, Nipponese, Nisei, Sansei, Yonsei)
720	Ryukyu Islander
721	Okinawan
723	Korean (Chosen, North Korean, South Korean)
725	Laotian
726	Hmong
727	Meo
729	Malaysian (Sabah, Sakai, Sarawak, Semang, Senoi)
742	Thai (Siamese)
743	Thai Dam (Black Thai)
744	Western Lao
747	Taiwanese
748	Vietnamese (Annamese, North Vietnamese, South Vietnamese)
749	Chom (Montagnard)
750	Katu
751	Ma
752	Mnong
753	Indo-Chinese
754	Eurasian
755	Asian (Oriental)
756	Eastern Archipelago (Riau Islander)

Exhibit 1: Ancestry Codes (continued)

(800-899) Pacific

<u>Code</u>	<u>Ancestry</u>
800	Australian (New South Wales, Northern Territory, Queensland, Victoria)
801	Tasmanian
803	Fijian
805	New Zealander
806	Maori
808	New Guinean
809	Papuan
810	American Samoan
811	Tokelau Islander
812	Tongan
813	Hawaiian
814	Part-Hawaiian
815	Guamanian
816	Chamorro Islander
817	Marshall Islander
818	Caroline Islander
819	Midway Islander
820	Wake Islander
821	Saipan Islander
822	Northern Marianas Islander
823	U.S. Trust Territories of the Pacific
824	Truk Islander
825	Yap Islander
826	Solomon Islander
827	Norfolk Islander
828	Cook Islander
829	Christmas Islander
830	Campbell Islander
831	Kermadec Islander
832	Phoenix Islander
833	New Caledonia Islander
834	New Hebrides Islander
835	Melanesia Islander
836	Micronesia Islander
837	Polynesia Islander
838	Pacific Islander
839	Samoa
840	French Polynesia (Society Islander, Tahitian)
841	French Samoa
842	Palauan
843	Ulithian (Faisian)
844	Woleaian (Ifalukese, Eauripikese)
845	Pulawatese (Tamatamian)
846	Mortlockese
847	Ponapean
848	Pingelapese
849	Mokilese
850	Kosraean
851	Ngatikese
852	Nukuoroan
853	Kapingamarangan
854	Gilbertese
855	Nauruan
856	Niuean
857	Hall Islander
858	Namanouito (Uhul)
859	Lamotrekese (Satawalese)

(900-919) North America except Spanish Categories

<u>Code</u>	<u>Ancestry</u>
901	American
902	United States
903	Afro-American (Bilalian, Black, Colored, Creole, Mulatto, Negro, Nigritian, Nonwhite)
906	White/Caucasian (Anglo, Anglo-Saxon, Appalachian, Aryan, Hillbilly, Swamp Yankee, WASP, White)
908	Greenlander
909	Canadian (Albertan, British Columbian, Labradorean, Manitoban, New Brunswick, Ontarian, Prince Edward Islander, Saskatchewan, Yukoner)
910	Newfoundland
911	Nova Scotian
912	French Canadian (Quebec)
913	Bermudan
915	North American
916	American Indian (American Indian Tribes)
917	Alcut
918	Eskimo

(1-911) Code Ranges for Common Ancestry

1-2	Austrian
5-7	Belgian
8-10	Cypriot
14-15	Dutch
16-18,	
96-97	English
24-27	Finnish
28-31,	
98	French
32-44	German
46-48	Greek
52-73	Italian
79-81	Portuguese
83-87	Swiss
90-91	Alsatian
102-103	Bulgarian
104-105	Czechoslovakian
113-114	Hungarian
122-124	Polish
125-129	Rumanian
140-156	Russian (Specified Categories)*
163-164	Ruthenian
200-204	Spaniard
205-208	Spanish
209-212	Mexican
310-312	Dutch West Indies
314-316	Trinidadian/Tobogian
327-328	Dominica Islander

* Excludes Armenian, Georgian, Ruthenian, Ukrainian, and Belorussian

(920-949) Unique Three-Origin Multiple Ancestry Categories

<u>Code</u>	<u>Ancestry</u>
920	American Indian-English-French
921	American Indian-English-German
922	American Indian-English-Irish
923	American Indian-German-Irish
924	Dutch-French-Irish
925	Dutch-German-Irish
926	Dutch-Irish-Scotch (or Scottish)
927	English-French-German
928	English-French-Irish
929	English-German-Irish
930	English-German-Swedish
931	English-Irish-Scotch (or Scottish)
932	English-Scotch (or Scottish)-Welsh
933	French-German-Irish
934	German-Irish-Italian
935	German-Irish-Scotch (or Scottish)
936	German-Irish-Swedish

330-332	French West Indies
406-407	Moroccan
429-432	Syrian
450-451	Middle Eastern
515-516	Congolese
520-521	Equatorial Guinea
522-523	Ethiopian
553-557	Nigerian
570-574	South African
576-580	Sudanese
584-586	Tanzanian
591-592	Upper Voltan
600-602	Afghan
613-625,	
627-628	Asian Indian
633-635	Ceylonese
700-702	Burmese
703-704	Cambodian
706-712	Chinese
719-720	Japanese
725-727	Laotian
742-744	Thai
748-752	Vietnamese
800-801	Australian
805-806	New Zealander
808-809	New Guinean
901-902	American
909-911	Canadian

Exhibit 2: Occupation Codes

(The numbers in parentheses refer to the 1980 Standard Occupational Classification code equivalents. Pt. means part. N.e.c. means not elsewhere classified.)

1980
CODE

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

Executive, Administrative, and Managerial Occupations		064	Mathematical and Computer Scientists
		065	Computer systems analysts and scientists (171)
003	Legislators (111)	066	Operations and systems researchers and analysts (172)
004	Chief executives and general administrators, public administration (112)	067	Actuaries (1732)
		068	Statisticians (1733)
005	Administrators and officials, public administration (1132-1139)	Mathematical scientists, n.e.c. (1739)	
006	Administrators, protective services (1131)	Natural Scientists	
007	Financial managers (122)	069	Physicists and astronomers (1842, 1843)
008	Personnel and labor relations managers (123)	073	Chemists, except biochemists (1845)
009	Purchasing managers (124)	074	Atmospheric and space scientists (1846)
013	Managers, marketing, advertising, and public relations (125)	075	Geologists and geodesists (1847)
014	Administrators, education and related fields (128)	076	Physical scientists, n.e.c. (1849)
015	Managers, medicine and health (131)	077	Agricultural and food scientists (1854)
016	Managers, properties and real estate (1353)	078	Biological and life scientists (1853)
017	Postmasters and mail superintendents (1344)	079	Forestry and conservation scientists (1852)
018	Funeral directors (pt 1359)	083	Medical scientists (1855)
019	Managers and administrators, n.e.c. (121, 126, 127, 132-139, exc. 1344, pt 1359)	Health Diagnosing Occupations	
Management Related Occupations		084	Physicians (261)
		085	Dentists (262)
		086	Veterinarians (27)
023	Accountants and auditors (1412)	087	Optometrists (281)
024	Underwriters (1414)	088	Podiatrists (283)
025	Other financial officers (1415, 1419)	089	Health diagnosing practitioners, n.e.c. (289)
026	Management analysts (142)	Health Assessment and Treating Occupations	
027	Personnel, training, and labor relations specialists (143)		
028	Purchasing agents and buyers, farm products (1443)	095	Registered nurses (29)
029	Buyers, wholesale and retail trade except farm products (1442)	096	Pharmacists (301)
033	Purchasing agents and buyers, n.e.c. (1449)	097	Dietitians (302)
034	Business and promotion agents (145)	Therapists	
035	Construction inspectors (1472)	098	Inhalation therapists (3031)
036	Inspectors and compliance officers, except construction (1473)	099	Occupational therapists (3032)
037	Management related occupations, n.e.c. (149)	103	Physical therapists (3033)
Professional Specialty Occupations		104	Speech therapists (3034)
		105	Therapists, n.e.c. (3039)
Engineers Architects, and Surveyors		106	Physicians' assistants (304)
043	Architects (161)	Teachers, Postsecondary	
Engineers		Earth, environmental, and marine science teachers (2212)	
044	Aerospace (1622)	113	Biological science teachers (2213)
045	Metallurgical and materials (1623)	114	Chemistry teachers (2214)
046	Mining (1624)	115	Physics teachers (2215)
047	Petroleum (1625)	116	Natural science teachers, n.e.c. (2216)
048	Chemical (1626)	117	Psychology teachers (2217)
049	Nuclear (1627)	118	Economics teachers (2218)
053	Civil (1628)	119	History teachers (2222)
054	Agricultural (1632)	123	Political science teachers (2223)
055	Electrical and electronic (1633, 1636)	124	Sociology teachers (2224)
056	Industrial (1634)	125	Social science teachers, n.e.c. (2225)
057	Mechanical (1635)	126	Engineering teachers (2226)
058	Marine and naval architects (1637)	127	Mathematical science teachers (2227)
059	Engineers, n.e.c. (1639)	128	Computer science teachers (2228)
063	Surveyors and mapping scientists	129	Medical science teachers (2231)
		133	

Exhibit 2: Occupation Codes (continued)

Sales Related Occupations			Material Recording, Scheduling, and Distributing Clerks		
283	Demonstrators, promoters, and models, sales (445)	359	Dispatchers (4751)		
284	Auctioneers (447)	363	Production coordinators (4752)		
285	Sales support occupations, n.e.c. (444, 446, 449)	364	Traffic, shipping, and receiving clerks (4753)		
	Administrative Support Occupations, Including Clerical	365	Stock and inventory clerks (4754)		
	Supervisors, Administrative Support Occupations	366	Meter readers (4755)		
303	Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)	368	Weighers, measurers, and checkers (4756)		
304	Supervisors, computer equipment operators (4512)	369	Samplers (4757)		
305	Supervisors, financial records processing (4521)	373	Expeditors (4758)		
306	Chief communications operators (4523)	374	Material recording, scheduling, and distributing clerks, n.e.c. (4759)		
307	Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)		Adjusters and Investigators		
	Computer Equipment Operators	375	Insurance adjusters, examiners, and investigators (4782)		
308	Computer operators (4612)	376	Investigators and adjusters, except insurance (4783)		
309	Peripheral equipment operators (4613)	377	Eligibility clerks, social welfare (4784)		
	Secretaries, Stenographers, and Typists	378	Bill and account collectors (4786)		
R(313)	Secretaries (4622)	379	Miscellaneous Administrative Support Occupations		
314	Stenographers (4623)	383	General office clerks (463)		
315	Typists (4624)	384	Bank tellers (4791)		
	Information Clerks	385	Proofreaders (4792)		
316	Interviewers (4642)	385	Data-entry keyers (4793)		
317	Hotel clerks (4643)	386	Statistical clerks (4794)		
318	Transportation ticket and reservation agents (4644)	387	Teachers' aides (4795)		
319	Receptionists (4645)	389	Administrative support occupations, n.e.c. (4787, 4799)		
323	Information clerks, n.e.c. (4649)				
	Records Processing Occupations, Except Financial		SERVICE OCCUPATIONS		
325	Classified-ad clerks (4662)	403	Launderers and ironers (503)		
326	Correspondence clerks (4663)	404	Cooks, private household (504)		
327	Order clerks (4664)	405	Housekeepers and butlers (505)		
328	Personnel clerks, except payroll and timekeeping (4692)	406	Child care workers, private household (506)		
329	Library clerks (4694)	T(407)	Private household cleaners and servants (502, 507, 509)		
335	File clerks (4696)		Protective Service Occupations		
336	Records clerks (4699)		Supervisors, Protective Service Occupations		
	Financial Records Processing Occupations	413	Supervisors, firefighting and fire prevention occupations (5111)		
S(337)	Bookkeepers, accounting, and auditing clerks (4712)	414	Supervisors, police and detectives (5112)		
338	Payroll and timekeeping clerks (4713)	415	Supervisors, guards (5113)		
339	Billing clerks (4715)		Firefighting and Fire Prevention Occupations		
343	Cost and rate clerks (4716)	416	Fire inspection and fire prevention occupations (5122)		
344	Billing, posting, and calculating machine operators (4718)	417	Firefighting occupations (5123)		
	Duplicating, Mail, and Other Office Machine Operators		Police and Detectives		
345	Duplicating machine operators (4722)	418	Police and detectives, public service (5132)		
346	Mail preparing and paper handling machine operators (4723)	423	Sheriffs bailiffs, and other law enforcement officers (5134)		
347	Office machine operators, n.e.c. (4729)	424	Correctional institution officers (5133)		
	Communications Equipment Operators		Guards		
348	Telephone operators (4732)	425	Crossing guards (5142)		
349	Telegraphers (4733)	426	Guards and police, exc. public service (5144)		
353	Communications equipment operators, n.e.c. (4739)	427	Protective service occupations, n.e.c. (5149)		
	Mail and Message Distributing Occupations		Service Occupations, Except Protective and Household		
354	Postal clerks, exc. mail carriers (4742)		Food Preparation and Service Occupations		
355	Mail carriers, postal service (4743)	433	Supervisors, food preparation and service occupations (5211)		
356	Mail clerks, exc. postal service (4744)	434	Bartenders (5212)		
357	Messengers (4745)	U(435)	Waiters and waitresses (5213)		
		436	Cooks, except short order (5214)		
		437	Short-order cooks (5215)		
		438	Food counter, fountain and related occupations (5216)		
		439	Kitchen workers, food preparation (5217)		
		443	Waiters'/waitresses' assistants (5218)		
		444	Miscellaneous food preparation occupations (5219)		

Exhibit 2: Occupation Codes (continued)

	Health Service Occupations			508	Aircraft engine mechanics (6113)
445	Dental assistants (5232)			509	Small engine repairers (6114)
446	Health aides, except nursing (5233)			514	Automobile body and related repairers (6115)
447	Nursing aides, orderlies, and attendants (5236)			515	Aircraft mechanics, exc. engine (6116)
	Cleaning & Building Service Occupations, except Household			516	Heavy equipment mechanics (6117)
448	Supervisors, cleaning and building service workers (5241)			517	Farm equipment mechanics (6118)
449	Maids and housemen (5242, 5249)				Mechanics and Repairers, Except Supervisors (continued)
V(453)	Janitors and cleaners (5244)		518	Industrial machinery repairers (613)	
454	Elevator operators (5245)		519	Machinery maintenance occupations (614)	
455	Pest control occupations (5246)			Electrical and Electronic Equipment Repairers	
	Personal Service Occupations		523	Electronic repairers, communications and industrial equipment (6151, 6153, 6155)	
456	Supervisors, personal service occupations (5251)				
457	Barbers (5252)		525	Data processing equipment repairers (6154)	
458	Hairdressers and cosmetologists (5253)		526	Household appliance and power tool repairers (6156)	
459	Attendants, amusement and recreation facilities (5254)		527	Telephone line installers and repairers (6157)	
463	Guides (5255)		529	Telephone installers and repairers (6158)	
464	Ushers (5256)		533	Miscellaneous electrical and electronic equipment repairers (6152, 6159)	
465	Public transportation attendants (5257)				
466	Baggage porters and bellhops (5262)		534	Heating, air conditioning, and refrigeration mechanics (6161)	
467	Welfare service aides (5263)			Miscellaneous Mechanics and Repairers	
468	Child care workers, except private household (5264)		535	Camera, watch, and musical instrument repairers (6171, 6172)	
469	Personal service occupations, n.e.c. (5258, 5269)		536	Locksmiths and safe repairers (6173)	
			538	Office machine repairers (6174)	
	FARMING, FORESTRY, AND FISHING OCCUPATIONS		539	Mechanical controls and valve repairers (6175)	
	Farm Operators and Managers		543	Elevator installers and repairers (6176)	
W(473)	Farmers, except horticultural (5512-5514)		544	Millwrights (6178)	
474	Horticultural specialty farmers (5515)		547	Specified mechanics and repairers, n.e.c. (6177, 6179)	
475	Managers, farms, except horticultural (5522-5524)		549	Not specified mechanics and repairers	
476	Managers horticultural specialty farms (5525)			Construction Trades	
	Other Agricultural and Related Occupations		553	Supervisors, construction occupations	
	Farm Occupations Except Managerial		554	Supervisors; brickmasons, stonemasons, and tile setters (6312)	
477	Supervisors, farm workers (5611)		555	Supervisors; carpenters and related workers (6313)	
479	Farm workers (5612-5617)			Supervisors; electricians and power transmission installers (6314)	
483	Marine life cultivation workers (5618)		556	Supervisors; painters, paperhangers, and plasterers (6315)	
484	Nursery workers (5619)		557	Supervisors; plumbers, pipefitters, and steamfitters (6316)	
	Related Agricultural Occupations		558	Supervisors; n.e.c. (6311, 6318)	
485	Supervisors, related agricultural occupations (5621)			Construction Trades, Except Supervisors	
486	Groundskeepers and gardeners, except farm (5622)		563	Brickmasons and stonemasons (pt 6412, pt 6413)	
487	Animal caretakers, except farm (5624)		564	Brickmason and stonemason apprentices (pt 6412, pt 6413)	
488	Graders and sorters, agricultural products (5625)		565	Tile setters, hard and soft (6414, pt 6413)	
489	Inspectors, agricultural products (5627)		566	Carpet installers (pt 6462)	
	Forestry and Logging Occupations		Y(567)	Carpenters (pt 6422)	
494	Supervisors, forestry, and logging workers (571)		569	Carpenter apprentices (pt 6422)	
495	Forestry workers, except logging (572)		573	Drywall installers (6424)	
496	Timber cutting and logging occupations (573, 579)		575	Electricians (pt 6432)	
	Fishers, Hunters, and Trappers		576	Electrician apprentices (pt 6432)	
497	Captains and other officers, fishing vessels (pt 8241)		577	Electrical power installers and repairers (6433)	
498	Fishers (583)		579	Painters, construction and maintenance (6442)	
499	Hunters and trappers (584)		583	Paperhangers (6443)	
			584	Plasterers (6444)	
	PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS		585	Plumbers, pipefitters, and steamfitters (pt 645)	
	Mechanics and Repairers		587	Plumber pipefitter, and steamfitters apprentices (pt 645)	
503	Supervisors, mechanics and repairers (60)		588	Concrete and terrazzo finishers (6463)	
	Mechanics and Repairers, Except Supervisors		589	Glaziers (6464)	
	Vehicle and Mobile Equipment Mechanics and Repairers		593	Insulation workers (6465)	
X(505)	Automobile mechanics (pt 6111)		594	Paving, surfacing, and tamping equipment operators (6466)	
506	Automobile mechanic apprentices (pt 6111)		595	Roofers (6468)	
507	Bus, truck, and stationary engine mechanics (6112)		596	Sheetmetal duct installers (6472)	
			597	Structural metal workers (6473)	
			598	Drillers, earth (6474)	
			599	Construction trades, n.e.c. (6467, 6475, 6476, 6479)	

Exhibit 2: Occupation Codes (continued)

Extractive Occupations				OPERATORS, FABRICATORS, AND LABORERS
613	Supervisors, extractive occupations (632)			Machine Operators, Assemblers, and Inspectors
614	Drillers, oil well (652)			Machine Operators and Tenders, except Precision
615	Explosives workers (653)			Metal Working and Plastic Working Machine Operators
616	Mining machine operators (654)			Lathe and turning machine set-up operators (7312)
617	Mining occupations, n.e.c. (656)	703		Lathe and turning machine operators (7512)
	Precision Production Occupations	704		Milling and planing machine operators (7313, 7513)
633	Supervisors, production occupations (67,71)	705		Punching and stamping press machine operators
	Precision Metal Working Occupations	706		(7314, 7317, 7514, 7517)
634	Tool and die makers (pt 6811)			Rolling machine operators (7316, 7516)
635	Tool and die maker apprentices (pt 6811)	707		Drilling and boring machine operators (7318, 7518)
636	Precision assemblers, metal (6812)	708		Grinding, abrading, buffing, and polishing machine operators
637	Machinists (pt 6813)	709		(7322, 7324, 7522)
639	Machinist apprentices (pt 6813)			Forging machine operators (7319, 7519)
643	Boilermakers (6814)	713		Numerical control machine operators (7326)
644	Precision grinders, filers, and tool sharpeners (6816)	714		Miscellaneous metal, plastic, stone, and glass working machine
645	Patternmakers and model makers, metal (6817)	715		operators (7329, 7529)
646	Lay-out workers (6821)			Fabricating machine operators, n.e.c. (7339, 7539)
647	Precious stones and metal workers (Jewelers) (6822, 6866)	717		Metal and Plastic Processing Machine Operators
649	Engravers, metal (6823)			Molding and casting machine operators (7315, 7342, 7515,
653	Sheet metal workers (pt 6824)	719		7542)
654	Sheet metal worker apprentices (pt 6824)			Metal plating machine operators (7343, 7543)
655	Miscellaneous precision metal workers (6829)	723		Heat treating equipment operators (7344, 7544)
	Precision Woodworking Occupations	724		Miscellaneous metal and plastic processing machine operators
656	Patternmakers and model makers, wood (6831)	725		(7349, 7549)
657	Cabinet makers and bench carpenters (6832)			Woodworking Machine Operators
658	Furniture and wood finishers (6835)			Wood lathe, routing, and planing machine operators (7431,
659	Miscellaneous precision woodworkers (6839)	726		7432, 7631, 7632)
	Precision Textile, Apparel, and Furnishings Machine			Sawing machine operators (7433, 7633)
	Workers	727		Shaping and joining machine operators (7435, 7635)
666	Dressmakers (pt 6852, pt 7752)	728		Nailing and tacking machine operators (7636)
667	Tailors (pt 6852)	729		Miscellaneous woodworking machine operators (7434, 7439,
668	Upholsterers (6853)	733		7634, 7639)
669	Shoe repairers (6854)			Printing Machine Operators
673	Apparel and fabric patternmakers (6856)			Printing machine operators (7443, 7643)
674	Miscellaneous precision apparel and fabric workers	734		Photoengravers and lithographers (6842, 7444, 7644)
	(6859, pt 7752)	735		Typesetters and compositors (6841, 7642)
	Precision Workers, Assorted Materials	736		Miscellaneous printing machine operators (6849, 7449, 7649)
675	Hand molders and shapers, except jewelers (6861)	737		Textile, Apparel, and Furnishings Machine Operators
676	Patternmakers, lay-out workers, and cutters (6862)			Winding and twisting machine operators (7451, 7651)
677	Optical goods workers (6864, pt 7477, pt 7677)	738		Knitting, looping, taping, and weaving machine operators
678	Dental laboratory and medical appliance technicians (6865)	739		(7452, 7652)
679	Bookbinders (6844)			Textile cutting machine operators (7654)
683	Electrical and electronic equipment assemblers (6867)	743		Textile sewing machine operators (7655)
684	Miscellaneous precision workers, n.e.c. (6869)	744		Shoe machine operators (7656)
	Precision Food Production Occupations	745		Pressing machine operators (7657)
686	Butchers and meat cutters (6871)	747		Laundering and dry cleaning machine operators (6855, 7658)
687	Bakers (6872)	748		Miscellaneous textile machine operators (7459, 7659)
688	Food batchmakers (6873, 6879)	749		Machine Operators, Assorted Materials
	Precision Inspectors, Testers, and Related Workers			Cementing and gluing machine operators (7661)
689	Inspectors, testers, and graders (6881, 828)	753		Packaging and filling machine operators (7462, 7662)
693	Adjusters and calibrators (6882)	754		Extruding and forming machine operators (7463, 7663)
	Plant and System Operators	755		Mixing and blending machine operators (7664)
694	Water and sewage treatment plant operators (691)	756		Separating, filtering, and clarifying machine operators (7476,
695	Power plant operators (pt 693)	757		7666, 7676)
696	Stationary engineers (pt 693, 7668)			Compressing and compacting machine operators (7467, 7667)
699	Miscellaneous plant and system operators (692, 694, 695, 696)	758		Painting and paint spray machine operators (7669)
		759		

Exhibit 2: Occupation Codes (continued)

Machine Operators, Assorted Materials (continued)		Material Moving Equipment Operators (continued)	
763	Roasting and baking machine operators, food (7472, 7672)	848	Hoist and winch operators (8314)
764	Washing, cleaning, and pickling machine operators (7673)	849	Crane and tower operators (8315)
765	Folding machine operators (7474, 7674)	853	Excavating and loading machine operators (8316)
766	Furnace, kiln, and oven operators, exc. food (7675)	855	Grader, dozer, and scraper operators (8317)
768	Crushing and grinding machine operators (pt 7477, pt 7677)	856	Industrial truck and tractor equipment operators (8318)
769	Slicing and cutting machine operators (7478, 7678)	859	Miscellaneous material moving equipment operators (8319)
773	Motion picture projectionists (pt 7479)		Handlers, Equipment Cleaners, Helpers, and Laborers
774	Photographic process machine operators (6863, 6868, 7671)	863	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
777	Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)		Helpers, mechanics and repairers (863)
779	Machine operators, not specified	864	Helpers, Construction, and Extractive Occupations
	Fabricators, Assemblers, and Hand Working Occupations		Helpers, construction trades (8641-8645, 8648)
783	Welders and cutters (7332, 7532, 7714)	865	Helpers, surveyor (8646)
784	Solderers and brazers (7333, 7533, 7717)	866	Helpers, extractive occupations (865)
785	Assemblers (772, 774)	867	Construction laborers (871)
786	Hand cutting and trimming occupations (7753)	869	Production helpers (861, 862)
787	Hand molding, casting, and forming occupations (7754, 7755)	873	Freight, Stock, and Material Handlers
789	Hand painting, coating, and decorating occupations (7756)		Garbage collectors (8722)
793	Hand engraving and printing occupations (7757)	875	Stevedores (8723)
794	Hand grinding and polishing occupations (7758)	876	Stock handlers and baggers (8724)
795	Miscellaneous hand working occupations (7759)	877	Machine feeders and offbearers (8725)
	Production Inspectors, Testers, Samplers, and Weighers	878	Freight, stock, and material handlers, n.e.c. (8726)
796	Production inspectors, checkers, and examiners (782, 787)	883	Garage and service station related occupations (873)
797	Production testers (783)	885	Vehicle washers and equipment cleaners (875)
798	Production samplers and weighers (784)	887	Hand packers and packagers (8761)
799	Graders and sorters, exc. agricultural (785)	888	Laborers, except construction (8769)
	Transportation and Material Moving Occupations	889	Unemployed, no civilian work experience since 1975
	Motor Vehicle Operators	919	
803	Supervisors, motor vehicle operators (8111)		
Z(804)	Truck drivers, heavy (8212, 8213)		
805	Truck drivers, light (8214)		
806	Driver-sales workers (8218)		
808	Bus drivers (8215)		
809	Taxicab drivers and chauffeurs (8216)		
813	Parking lot attendants (874)		
814	Motor transportation occupations, n.e.c. (8219)		
	Transportation Occupations, Except Motor Vehicles		
	Rail Transportation Occupations		
823	Railroad conductors and yardmasters (8113)		
824	Locomotive operating occupations (8232)		
825	Railroad brake, signal, and switch operators (8233)		
826	Rail vehicle operators, n.e.c. (8239)		
	Water Transportation Occupations		
828	Ship captains and mates, except fishing boats (pt 8241, 8242)		
829	Sailors and deckhands (8243)		
833	Marine engineers (8244)		
834	Bridge, lock, and lighthouse tenders (8245)		
	Material Moving Equipment Operators		
843	Supervisors, material moving equipment operators (812)		
844	Operating engineers (8312)		
845	Longshore equipment operators (8313)		

<u>Code</u>	<u>Industry</u>
A (010)	Agricultural production, crops (01)
011	Agricultural production, livestock (02)
020	Agricultural services, except horticultural (07, except 078)
021	Horticultural services (078)
030	Forestry (08)
031	Fishing, hunting, and trapping (09)

MINING

040 Metal mining (10)
041 Coal mining (11, 12)
042 Crude petroleum and natural gas extraction (13)
050 Nonmetallic mining and quarrying, except fuel (14)

B (060) CONSTRUCTION (15, 16, 17)

MANUFACTURING

Nondurable Goods

	Food and kindred products
100	Meat products (201)
101	Dairy products (202)
102	Canned and preserved fruits and vegetables
110	Grain mill products (204)
111	Bakery products (205)
112	Sugar and confectionery products (206)
120	Beverage industries (208)
121	Miscellaneous food preparations and kindred products (207, 209)
122	Not specified food industries
130	Tobacco manufacturers (21)
	Textile mill products
132	Knitting mills (225)
140	Dyeing and finishing textiles, except wool and knit goods (226)
141	Floor coverings, except hard surface (227)
142	Yarn, thread, and fabric mills (228, 221-224)
150	Miscellaneous textile mill products (229)
	Apparel and other finished textile products
151	Apparel and accessories, except knit (231-238)
152	Miscellaneous fabricated textile products (239)
	Paper and allied products
160	Pulp, paper, and paperboard mills (261-263, 266)
161	Miscellaneous paper and pulp products (264)
162	Paperboard containers and boxes (265)
	Printing, publishing, and allied industries
C(171)	Newspaper publishing and printing (271)
172	Printing, publishing and allied industries, except newspapers (272-279)

Code	Industry
------	----------

MANUFACTURING (continued)

Nondurable goods (continued)

	Chemicals and allied products
180	Plastics, synthetics, and resins (282)
181	Drugs (283)
182	Soaps and cosmetics (284)
190	Paints, varnishes, and related products (285)
191	Agricultural chemicals (287)
192	Industrial and miscellaneous chemicals (281, 286, 289)
	Petroleum and coal products
200	Petroleum refining (291)
201	Miscellaneous petroleum and coal products (295, 299)
	Rubber and miscellaneous plastics products
210	Tires and inner tubes (301)
211	Other rubber products, and plastics footwear and belting (302-304, 306)
212	Miscellaneous plastics products (307)
	Leather and leather products
220	Leather tanning and finishing (311)
221	Footwear, except rubber and plastic (313, 314)
222	Leather products, except footwear (315-317, 319)

Durable goods

	Lumber and wood products, except furniture
230	Logging (241)
231	Sawmills, planing mills, and millwork (242. 243)
232	Wood buildings and mobile homes (245)
241	Miscellaneous wood products (244. 249)
242	Furniture and fixtures (25)
	Stone, clay, glass, and concrete products
250	Glass and glass products (321-323)
251	Cement, concrete, gypsum, and plaster products (324. 327)
252	Structural clay products (325)
261	Pottery and related products (326)
262	Miscellaneous nonmetallic mineral and stone products (328. 329)
	Metal industries
270	Blast furnaces, steelworks, rolling and finishing mills (331)
271	Iron and steel foundries (332)
272	Primary aluminum industries (3334, pt 334, 3353-3355, 3361)
280	Other primary metal industries (3331-3333, 3339, pt 334, 3351. 3356, 3357, 3362, 3369, 339)
281	Cutlery, hand tools, and other hardware (342)
282	Fabricated structural metal products (344)
290	Screw machine products (345)
291	Metal forgings and stampings (346)
292	Ordnance (348)
300	Miscellaneous fabricated metal products (341. 343. 347. 349)
301	Not specified metal industries

Exhibit 3: Industry Codes

<u>Code</u>	<u>Industry</u>	<u>Code</u>	<u>Industry</u>
	Machinery, except electrical		WHOLESALE TRADE
310	Engines and turbines (351)		Durable Goods
311	Farm machinery and equipment (352)		
312	Construction and material handling machines (353)		
320	Metalworking machinery (354)	500	Motor vehicles and equipment (501)
321	Office and accounting machines (357, except 3573)	501	Furniture and home furnishings (502)
322	Electronic computing equipment (3573)	502	Lumber and construction materials (503)
331	Machinery, except electrical, n.e.c. (355, 356, 358, 359)	510	Sporting goods, toys, and hobby goods (504)
332	Not specified machinery	511	Metals and minerals, except petroleum (505)
	Electrical machinery, equipment, and supplies	512	Electrical goods (506)
340	Household appliances (363)	521	Hardware, plumbing and heating supplies (507)
341	Radio, TV, and communication equipment (365, 366)	522	Not specified electrical and hardware products
342	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)	530	Machinery, equipment, and supplies (508)
350	Not specified electrical machinery, equipment, and supplies	531	Scrap and waste materials (5093)
	Transportation equipment	532	Miscellaneous wholesale, durable goods (5094, 5099)
351	Motor vehicles and motor vehicle equipment (371)		Nondurable Goods
352	Aircraft and parts (372)		
360	Ship and boat building and repairing (373)	540	Paper and paper products (511)
361	Railroad locomotives and equipment (374)	541	Drugs, chemicals, and allied products (512, 516)
362	Guided missiles, space vehicles, and parts (376)	542	Apparel, fabrics, and notions (513)
370	Cycles and miscellaneous transportation equipment (375, 379)	550	Groceries and related products (514)
	Professional photographic equipment, and watches	551	Farm products-raw materials (515)
371	Scientific and controlling instruments (381, 382)	552	Petroleum products (517)
372	Optical and health services supplies (383, 384, 385)	560	Alcoholic beverages (518)
380	Photographic equipment and supplies (386)	561	Farm supplies (5191)
381	Watches, clocks, and clockwork operated devices (387)	562	Miscellaneous wholesale, nondurable goods (5194, 5198, 5199)
382	Not specified professional equipment		Not specified wholesale trade
390	Toys, amusement, and sporting goods (394)		
391	Miscellaneous manufacturing industries (39 exc. 394)		
392	Not specified manufacturing industries		
	TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES		RETAIL TRADE
	Transportation	580	Lumber and building material retailing (521, 523)
400	Railroads (40)	581	Hardware stores (525)
401	Bus service and urban transit (41, except 412)	582	Retail nurseries and garden stores (526)
402	Taxicab service (412)	590	Mobile home dealers (527)
410	Trucking service (421, 423)	D(591)	Department stores (531)
411	Warehousing and storage (422)	592	Variety stores (533)
412	U.S. Postal Service (43)	600	Miscellaneous general merchandise stores (539)
420	Water transportation (44)	E(601)	Grocery stores (541)
421	Air transportation (45)	602	Dairy products stores (545)
422	Pipe lines, except natural gas (46)	610	Retail bakeries (546)
432	Services incidental to transportation (47)	611	Food stores, n.e.c. (542, 543, 544, 549)
	Communications	612	Motor vehicle dealers (551, 552)
440	Radio and television broadcasting (483)	620	Auto and home supply stores (553)
441	Telephone (wire and radio) (481)	621	Gasoline service stations (554)
442	Telegraph and miscellaneous communication services (482, 489)	622	Miscellaneous vehicle dealers (555, 556, 557, 559)
	Utilities and sanitary services	630	Apparel and accessory stores, except shoe (56, except 566)
460	Electric light and power (491)	631	Shoe stores (566)
461	Gas and steam supply systems (492, 496)	632	Furniture and home furnishings stores (571)
462	Electric and gas, and other combinations (493)	640	Household appliances, TV, and radio stores (572, 573)
470	Water supply and irrigation (494, 497)	F(641)	Eating and drinking places (58)
471	Sanitary services (495)	642	Drug stores (591)
472	Not specified utilities	650	Liquor stores (592)
		651	Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)

Exhibit 3: Industry Codes (continued)

<u>Code</u>	<u>Industry</u>	<u>Code</u>	<u>Industry</u>
652	Book and stationery stores (5942, 5943)		
660	Jewelry stores (5944)		
661	Sewing, needlework, and piece goods stores (5949)		
662	Mail order houses (5961)		
670	Vending machine operators (5962)		
671	Direct selling establishments (5963)		
672	Fuel and ice dealers (598)		
681	Retail florists (5992)		
682	Miscellaneous retail stores (593, 5947, 5948, 5993, 5994, 5999)		
691	Not specified retail trade		
	FINANCE, INSURANCE, AND REAL ESTATE		
G(700)	Banking (60)		
701	Savings and loan associations (612)		
702	Credit agencies, n.e.c. (61, except 612)		
710	Security, commodity brokerage, and investment companies (62, 67)		
H(711)	Insurance (63, 64)		
712	Real estate, including real estate-insurance-law offices (65, 66)		
	BUSINESS AND REPAIR SERVICES		
721	Advertising (731)		
722	Services to dwellings and other buildings (734)		
730	Commercial research, development, and testing labs (7391, 7397)		
731	Personnel supply services (736)		
732	Business management and consulting services (7392)		
740	Computer and data processing services (737)		
741	Detective and protective services (7393)		
742	Business services, n.e.c. (732, 733, 735, 7394, 7395, 7396, 7399)		
750	Automotive services, except repair (751, 752, 754)		
751	Automotive repair shops (753)		
752	Electrical repair shops (762, 7694)		
760	Miscellaneous repair services (763, 764, 7692, 7699)		
	PERSONAL SERVICES		
J(761)	Private households (88)		
762	Hotels and motels (701)		
770	Lodging places, except hotels and motels (702, 703, 704)		
771	Laundry, cleaning, and garment services (721)		
772	Beauty shops (723)		
780	Barber shops (724)		
781	Funeral service and crematories (726)		
782	Shoe repair shops (725)		
790	Dressmaking shops (pt 729)		
791	Miscellaneous personal services (722, pt 729)		
	ENTERTAINMENT AND RECREATION SERVICES		
800	Theaters and motion pictures (78, 792)		
801	Bowling alleys, billiard and pool parlors (793)		
802	Miscellaneous entertainment and recreation services (791, 794, 799)		
			PROFESSIONAL AND RELATED SERVICES
		812	Offices of physicians (801, 803)
		820	Offices of dentists (802)
		821	Offices of chiropractors (8041)
		822	Offices of optometrists (8042)
		830	Offices of health practitioners, n.e.c. (8049)
		K(831)	Hospitals (806)
		832	Nursing and personal care facilities (805)
		840	Health services, n.e.c. (807, 808, 809)
		841	Legal services (81)
		L(842)	Elementary and secondary schools (821)
		M(850)	Colleges and universities (822)
		851	Business, trade, and vocational schools (824)
		852	Libraries (823)
		860	Educational services, n.e.c. (829)
		861	Job training and vocational rehabilitation services (833)
		862	Child day care services (835)
		870	Residential care facilities, without nursing (836)
		871	Social services, n.e.c. (832, 839)
		872	Museums, art galleries, and zoos (84)
		880	Religious organizations (866)
		881	Membership organizations (861-865, 869)
		882	Engineering, architectural, and surveying services (891)
		890	Accounting, auditing, and bookkeeping services (893)
		891	Noncommercial educational and scientific research (892)
		892	Miscellaneous professional and related services (899)
			PUBLIC ADMINISTRATION
		900	Executive and legislative offices (911-913)
		901	General government, n.e.c. (919)
		910	Justice, public order, and safety (92)
		921	Public finance, taxation, and monetary policy (93)
		922	Administration of human resources programs (94)
		930	Administration of environmental quality and housing programs (95)
		931	Administration of economic programs (96)
		932	National security and international affairs (97)
			EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY
		991	Last job Armed Forces*
		992	Last worked 1974 or earlier**
			*Code 991 represents people who were unemployed and whose last job was as a member of the Armed Forces.
			**Code 992 represents people who were unemployed with previous work experience, but who have not worked in the five years preceding the census. The census questionnaires asked for information on the last industry for people who worked since 1975.

Exhibit 4: Numerical List of Outlying Areas and Foreign Country Codes

<u>Code</u>	<u>Outlying Area/Foreign Country</u>	<u>Code</u>	<u>Foreign Country</u>
060	American Samoa	155	Zimbabwe
061	Canton & Endesbury Island	156	Uganda
062	Guam	157	Tanzania
063	Johnston Atoll	158	Zambia
064	Midway Islands	160	North Africa (n.e.c.)
065	Northern Marianas Islands	161	Algeria
066	Trust Territory of the Pacific Islands (n.e.c.)	162	Egypt
067	Kosrae	163	Libya
068	Marshall Islands	164	Morocco
069	Palau	165	Sudan
070	Ponape	166	Tunisia
071	Truk	167	Western Sahara
072	Yap	170	Central Africa (n.e.c.)
073	Miscellaneous Caribbean Islands	171	Angola
074	Miscellaneous Pacific Islands	172	Cameroon
075	Virgin Islands	173	Central African Republic
076	St. Croix	174	Chad
077	St. John	175	Congo
078	St. Thomas	176	Equatorial Guinea
079	Wake Island	177	Gabon
080	United States Outlying Areas (n.e.c.)	178	Sao Tome & Principe
081	Puerto Rico	179	Zaire
110	Africa (n.e.c.)	180	Southern Africa (n.e.c.)
120	Western Africa (n.e.c.)	181	Botswana
121	Benin	182	Lesotho
122	Cape Verde	183	Namibia
123	Gambia	184	South Africa
124	Ghana	185	Swaziland
125	Guinea	200	Antarctica (n.e.c.)
126	Guinea-Bissau	201	Bouvet Islands
127	Ivory Coast	202	British Antarctic Territory
128	Liberia	203	Dronning Maud Land
129	Mali	204	French Southern Territory
130	Mauritania	205	Heard & McDonald Islands
131	Niger	300	North America (n.e.c.)
132	Nigeria	301	Bermuda
133	St. Helena	302	Canada
134	Senegal	303	Greenland
135	Sierra Leone	304	St. Pierre & Miquelon
136	Togo	400	Latin America (n.e.c.)
137	Upper Volta	410	South America (n.e.c.)
140	Eastern Africa	411	Argentina
141	British Indian Ocean Territory	412	Bolivia
142	Burundi	413	Brazil
143	Comoros	414	Chile
144	Djibouti	415	Colombia
145	Ethiopia	416	Ecuador
146	Kenya	417	Falkland Islands
147	Madagascar	418	French Guiana
148	Malawi	419	Guyana
149	Mauritius	420	Paraguay
150	Mozambique	421	Peru
151	Reunion	422	Surinam
152	Rwanda	423	Uruguay
153	Seychelles	424	Venezuela
154	Somalia	425	Central America (n.e.c.)

Exhibit 4: Numerical List of Outlying Areas and Foreign Country Codes

<u>Code</u>	<u>Foreign Country</u>	<u>Code</u>	<u>Foreign Country</u>
431	Belize	610	Southwest Asia (n.e.c.)
432	Costa Rica	611	Afghanistan
433	El Salvador	612	Bangladesh
434	Guatemala	613	Bhutan
435	Honduras	614	India
436	Mexico	615	Iran
437	Nicaragua	616	Maldives
438	Panama	617	Nepal
440	Caribbean (n.e.c.)	618	Pakistan
441	British West Indies	619	Sri Lanka
442	Anguilla	620	Southeast Asia (n.e.c.)
443	Antigua-Barbuda	621	Brunei
444	Bahamas	622	Burma
445	Barbados	623	East Timor
446	British Virgin Islands (n.e.c.)	624	Indonesia
447	Arncada	625	Kampuchea
448	Cooper	626	Laos
449	Jost Van Dyke	627	Malaysia
450	Peter	628	Philippines
451	Tortola	629	Singapore
452	Virgin Gorda	630	Thailand
453	Cayman Islands	631	Vietnam
454	Dominica	640	Middle East (n.e.c.)
455	Grenada	641	Bahrain
456	Jamaica	642	Cyprus
457	Montserrat	643	Gaza Strip
458	St. Kitts-Nevis	644	Iraq
459	St. Lucia	645	Israel
460	St. Vincent	646	Jordan
461	Trinidad & Tobago	647	Kuwait
462	Turks & Caicos Islands	648	Lebanon
463	Dutch Caribbean (n.e.c.)	649	Neutral Zone
464	Aruba	650	Oman
465	Bonaire	651	Qatua
466	Curacao	652	Saudi Arabia
467	Dutch St. Maarten	653	Syria
468	Saba	654	Turkey
469	St. Eustatius	655	United Arab Emirates
470	French Caribbean (n.e.c.)	656	Yemen
471	French St. Maarten	657	Yemen, Democratic
472	Guadeloupe	690	Asia (n.e.c.)
473	Haiti	700	Europe (n.e.c.)
474	Martinique	710	Western Europe (n.e.c.)
476	St. Barthelemy	711	Austria
477	Dominican Republic	712	Belgium
500	East Asia (n.e.c.)	713	France
501	China	714	Liechtenstein
502	Hong Kong	715	Luxembourg
503	Japan	716	Monaco
504	Korea (n.e.c.)	717	Netherlands
505	North Korea	718	Switzerland
506	South Korea	719	West Germany
507	Macau	720	Southern Europe (n.e.c.)
508	Mongolia	721	Albania
509	Taiwan	722	Andorra
600	South Asia (n.e.c.)	723	Gibraltar

Exhibit 4: Numerical List of Outlying Areas and Foreign Country Codes

<u>Code</u>	<u>Foreign Country</u>	<u>Code</u>	<u>Foreign Country</u>
724	Greece	853	Kiribati
725	Italy	854	Nauru
726	Malta	855	Niue
727	Portugal	856	Pitcairn Island
728	Azores Islands	857	Tokelau
729	Madeira Islands	858	Tuvalu
730	San Marino	900	Union of Soviet Socialist Republics (n.e.c.)
731	Spain	901	Armenia
732	Vatican City	902	Azerbaijan
733	Yugoslavia	903	Byelorussia
740	Eastern Europe (n.e.c.)	904	Georgia (USSR)
741	Baltic States (n.e.c.)	905	Kazakhstan
742	Estonia	906	Kirghizia
743	Latvia	907	Moldavia
744	Lithuania	908	Russian SFSR
745	Bulgaria	909	Tadzhik
746	Czechoslovakia	910	Turkmenistan
747	East Germany	911	Ukraine
748	Hungary	912	Uzbekistan
749	Poland	996	Born Abroad, Country Not Specified
750	Romania	997	Born At Sea
760	Northern Europe (n.e.c.)		
761	Denmark		
762	Faeroe Islands		
763	Finland		
764	Iceland		
765	Ireland		
766	Norway		
767	Sweden		
768	Svalbard & Jan Mayen Islands		
769	United Kingdom (n.e.c.)		
770	Channel Islands		
771	England		
772	Isle of Man		
773	Northern Ireland		
774	Scotland		
775	Wales		
800	Oceania (n.e.c.)		
810	Australia		
820	New Zealand		
830	Melanesia (n.e.c.)		
831	New Caledonia		
832	New Hebrides		
833	Norfolk Islands		
834	Papua New Guinea		
835	Solomon Islands		
840	Polynesia (n.e.c.)		
841	Cook Islands		
842	Fiji		
843	French Polynesia		
844	Tonga		
845	Wallis & Futuna Islands		
846	Western Samoa		
850	Micronesia (n.e.c.)		
851	Christmas Islands		
852	Cocos Islands		

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
1565	LOT80	85N	Is This House/Apartment On A Lot Of 10 Acres Or More In 1980 0 Group Quarters Or 2 Or More Units At Address 1 Yes 2 No 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 3
1566	ACRE80	85N	Size Of Lot Which House/Apartment Was On In 1980 0 Group Quarters 1 City Or Suburban Lot Or Less Than 1 Acre 2 1 To 9 Acres 3 10 Acres Or More 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 4
1567	CROP80	85N	Farm Products Sales In 1979 0 Urban, City Or Suburban Lot, Less Than 1 Acre, Vacant Unit Or Group Quarters 1 \$0-\$49 2 \$50-\$249 3 \$250-\$599 4 \$600-\$999 5 \$1000-\$2499 6 \$2500 Or More 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 4
1568	TEN80	85N	Tenure Status In 1980 0 Vacant Unit Or Group Quarters 1 Own Or Buying 2 Rent For Cash 3 No Cash Rent 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 3
1569	COND80	85N	House/Apartment Was Part Of A Condominium In 1980 0 Group Quarters 1 No 2 Yes 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 3
1570	BUIL80	85N	Year Structure Was Built (Refers To Unit At Address In 1980) 0 Group Quarters 1 1979 To March 1980 2 1975 To 1978 3 1970 To 1974 4 1960 To 1969 5 1950 To 1959 6 1940 To 1949 7 1939 Or Earlier 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 4
1571	VAC80	85N	Vacancy Status In 1980 0 Occupied Or Group Quarters 1 Year Round 2 Seasonal Or Migratory 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 3
1572	VACR80	85N	Reason Why Unit Was Vacant In 1980 0 N/A (Occupied, Or Vacant Seasonal Or Migratory) 1 For Rent Or For Sale 2 For Sale Only 3 Rented Or Sold, Not Yet Occupied 4 Held For Occasional Use 5 Other Reason 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 3

Notes: G = Variable is computer generated, and is not present on the questionnaire.

++ = Variable is present on a supplemental page to the questionnaire.

CC = Variable is present on the control card for the unit.

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
1573	MVAC80	85N	Months This House Or Apartment Has Been Vacant In 1980 0 Occupied, Group Quarters Or Vacant 1 Less Than 1 Month 2 1 Month Up To 2 Months 3 2 Months Up To 6 Months 4 6 Months Up To 12 Months 5 1 Year To 2 Years 6 2 Or More Years 9 New Unit Or Not Found In 1980 Census Note: "Month" refers to any 4 week span of time: e.g. from the 16th of one month to the 16th of the next month, not the 1st to the 31st of a month.	<u>85N</u> 3
1574	BOAR80	85N	Unit Boarded Up In 1980 0 Occupied, Group Quarters Or Vacant 1 Yes 2 No 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 3
1575	URE80	85N	Usual Residence Elsewhere (URE) In 1980 0 No Or Group Quarters 1 Yes 9 New Unit Or Not Found In 1980 Census Note: URE units are treated in the same manner as Vacant Units in skip patterns.	<u>85N</u> 3
1576	NUN280	85N	Structural Type Classification In 1980 00 Group Quarters 1-9 1-9 Units In Building 10 10 Or More Units In Building 11 Mobile Home	<u>85N</u> 3
1577	NUN80	85N	Number Of Living Quarters In Structure Incl Vacant Quarters In 1980 0 Group Quarters 1 Mobile Home--No Permanent Room 2 1, Detached Or Mobile Home With Room Added 3 1, Attached 4 2 5 3 Or 4 6 5 To 9 7 10 To 19 8 20 To 49 9 50 Or More 10 Boat, Tent, Van, Etc. 99 New Unit Or Not Found In 1980 Census	<u>85N</u> 4
1578	ACC80	85N	Access To Unit In 1980 0 Group Quarters 1 Direct 2 Through Another Unit 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 3

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
1579	TYPE80	85N	Type Of Group Quarters In 1980 0 Housing Unit 1 Home For The Aged 2 Rooming House 3 Other Group Quarters Or Non-Inmate Institutions 9 New Unit Or Not Found In 1980 Census Note: The AHS does not collect information on housing characteristics of group quarters. The 1980 census does. (See discussion in Introduction to the Tenure, Building and Parking Section). Data items for group quarters are available on the 1984 National File for units which were in Group Quarters in 1980 and became housing units in 1985.	<u>85N</u> G
1580	ELEV80	85N	Passenger Elevator In Building In 1980 0 Group Quarters Or 1 To 3 Stories 1 Yes 2 No 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 4
1581	FLOR80	85N	Stories In Building In 1980 0 Group Quarters 1 One To Three 2 Four To Six 3 Seven To Twelve 4 Thirteen Or More 9 New Unit Or Not Found In 1980 Census Note: An attic or basement is counted as a story if it has any finished rooms for living purposes.	<u>85N</u> 4
1582	SHOP80	85N	Commercial Or Medical Establishment On Property In 1980 0 Group Quarters, 2 Or More Units, Or Mobile Home 1 Yes 2 No 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 3
1583	CARS80	85N	Number Of Hhld Cars Incl Co Owned Vehicles In 1980	<u>85N</u> 4
1584	TRUC80	85N	Number Of Hhld Trucks & Vans Incl Co Owned Vehicles In 1980 0 Vacant Unit Or Group Quarters 1 None 2 One 3 Two 4 Three Or More 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 4
1585	ROOM80	85N	Number of Rooms In House Or Apartment In 1980 0 Group Quarters 1-8 0 To 8 Rooms 9 9 Or More Bedrooms 99 New Unit Or Not Found In 1980 Census	<u>85N</u> 3
1586	BEDR80	85N	Number Of Rooms Used Mainly For Sleeping In 1980 0 Group Quarters 1-5 0 To 4 Bedrooms 6 5 Or More Bedrooms 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 4

Notes: G = Variable is computer generated, and is not present on the questionnaire.

++ = Variable is present on a supplemental page to the questionnaire.

CC = Variable is present on the control card for the unit.

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
1587	BATH80	85N	Number Of Bathrooms In 1980 0 Group Quarters 1 None 2 One Full Bath 3 One Full Bath, Plus 1 Or More Half Baths 4 Two Or More Full Baths 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 4
1588	KITC80	85N	Complete Kitchen Facilities In 1980	<u>85N</u> 4
1589	PHON80		Telephone In House Or Apartment In 1980 0 Group Quarters Or Vacant Unit 1 Yes 2 No 9 New Unit Or Not Found In 1980 Census	4
1590	PLUM80	85N	Complete Plumbing Facilities In 1980 0 Group Quarters 1 Complete, Exclusive Use 2 Complete, Shared 3 Some Plumbing Facilities Only 4 No Plumbing Facilities 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 3
1591	WAT80	85N	Water Source In 1980 0 Group Quarters 1 Public Or Private System 2 Individual Drilled Well 3 Individual Dug Well 4 Other Source 9 New Unit Or Not Found In 1980 Census	<u>85N</u>
1592	SEW80	85N	Means Of Sewage Disposal In 1980 0 Group Quarters 1 Public Sewer 2 Septic Tank/Cesspool 3 Other 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 4
1593	AIR80	85N	Air Conditioning Present In 1980 0 Group Quarters 1 Yes, Central AC 2 Yes, One Room Unit 3 Yes, Two Or More Room Units 4 No 9 New Unit Or Not Found In 1980 Census	<u>85N</u> 4
1594	HEQ80	85N	Main Type Of Heating Equipment Used In 1980 0 Group Quarters 1 Steam Or Hot Water/Hot Air 2 Central Warm-Air Furnace 3 Electric Heat Pump 4 Other Built-In Electric Units 5 Floor, Wall, Or Pipeless Furnace 6 Room Heaters With Vent Or Flu Burning Gas, Oil, Or Kerosene 7 Room Heaters Without Vent Or Flu Burning Gas, Oil, Or Kerosene 8 Fireplaces, Stoves, Or Portable Room Heaters 9 No Heating Equipment 99 New Unit Or Not found In 1980 Census	<u>85N</u> 4
1595	REL80	85N	Relationship To Reference Person In 1980 0 Reference Person 99 Vacant Unit, New Unit Or Not Found In 1980 Census	<u>85N</u> 2

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
				<u>85N</u>
1596	RL280	85N	Relationship To Reference Person Of Person 2 In 1980	2
1597	RL380		Relationship To Reference Person Of Person 3 In 1980	2
1598	RL480		Relationship To Reference Person Of Person 4 In 1980	2
1599	RL580		Relationship To Reference Person Of Person 5 In 1980	2
1600	RL680		Relationship To Reference Person Of Person 6 In 1980	2
1601	RL780		Relationship To Reference Person Of Person 7 In 1980	3
1602	RL880		Relationship To Reference Person Of Person 8 In 1980	++
1603	RL980		Relationship To Reference Person Of Person 9 In 1980	++
1604	RL1080		Relationship To Reference Person Of Person 10 In 1980	++
1605	RL1180		Relationship To Reference Person Of Person 11 In 1980	++
1606	RL1280		Relationship To Reference Person Of Person 12 In 1980	++
1607	RL1380		Relationship To Reference Person Of Person 13 In 1980	++
1608	RL1480		Relationship To Reference Person Of Person 14 In 1980	++
1609	RL1580		Relationship To Reference Person Of Person 15 In 1980	++
			1 Spouse	
			2 Child	
			3 Brother Or Sister	
			4 Parent	
			5 Son-In-Law Or Daughter	
			6 Grandchild	
			7 Father-In-Law Or Mother-In-Law	
			8 Brother-In-Law Or Sister-In-Law	
			9 Nephew Or Niece	
			10 Grandparent	
			11 Uncle Or Aunt	
			12 Cousin	
			13 Relative, Other Than Codes 1-12	
			14 Roomer Or Boarder	
			15 Partner Or Roommate	
			16 Paid Employee	
			17 Other Non-Relative	
			18 Inmate In Institution	
			19 Non-Inmate In Institution	
			20 Relatives Other Than Codes 1-4	
			(from short form, which does not distinguish codes 5-12)	
			99 Not Present, Vacant, New Unit Or Not Found In 1980 Census	
				<u>85N</u>
1610	NSUB80	85N	Number Of Subfamilies In Household In 1980	G
			0 None, Vacant Unit Or Group Quarters	
			1-4 1-4 Subfamilies	
			9 New Unit Or Not Found In 1980 Census	
				<u>85N</u>
1611	S280	85N	Subfamily Number To Which Person 2 Belongs In 1980	G
1612	S380		Subfamily Number To Which Person 3 Belongs In 1980	G
1613	S480		Subfamily Number To Which Person 4 Belongs In 1980	G
1614	S580		Subfamily Number To Which Person 5 Belongs In 1980	G
1615	S680		Subfamily Number To Which Person 6 Belongs In 1980	G
1616	S780		Subfamily Number To Which Person 7 Belongs In 1980	G
1617	S880		Subfamily Number To Which Person 8 Belongs In 1980	G
1618	S980		Subfamily Number To Which Person 9 Belongs In 1980	G
1619	S1080		Subfamily Number To Which Person 10 Belongs In 1980	G
1620	S1180		Subfamily Number To Which Person 11 Belongs In 1980	G
1621	S1280		Subfamily Number To Which Person 12 Belongs In 1980	G
1622	S1380		Subfamily Number To Which Person 13 Belongs In 1980	G
1623	S1480		Subfamily Number To Which Person 14 Belongs In 1980	G
1624	S1580		Subfamily Number To Which Person 15 Belongs In 1980	G
			0 Group Quarters Or Not In Subfamily	
			1-4 Subfamily Number	
			9 Vacant Unit, New Unit or Not Found in 1980 Census	

Notes: G = Variable is computer generated, and is not present on the questionnaire.

++ = Variable is present on a supplemental page to the questionnaire.

CC = Variable is present on the control card for the unit.

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
				<u>85N</u>
1625	SR280	85N	Relationship Of Person 2 To Subfamily Head In 1980	G
1626	SR380		Relationship Of Person 3 To Subfamily Head In 1980	G
1627	SR480		Relationship Of Person 4 To Subfamily Head In 1980	G
1628	SR580		Relationship Of Person 5 To Subfamily Head In 1980	G
1629	SR680		Relationship Of Person 6 To Subfamily Head In 1980	G
1630	SR780		Relationship Of Person 7 To Subfamily Head In 1980	G
1631	SR880		Relationship Of Person 8 To Subfamily Head In 1980	G
1632	SR980		Relationship Of Person 9 To Subfamily Head In 1980	G
1633	SR1080		Relationship Of Person 10 To Subfamily Head In 1980	G
1634	SR1180		Relationship Of Person 11 To Subfamily Head In 1980	G
1635	SR1280		Relationship Of Person 12 To Subfamily Head In 1980	G
1636	SR1380		Relationship Of Person 13 To Subfamily Head In 1980	G
1637	SR1480		Relationship Of Person 14 To Subfamily Head In 1980	G
1638	SR1580		Relationship Of Person 15 To Subfamily Head In 1980	G
			0 Group Quarters Or Not In Subfamily	
			1 Spouse, If Head And Spouse are Present	
			2 Parent, If One Parent Only is Present	
			3 Child	
			9 Vacant Unit, New Unit Or Not Found In 1980 Census	
				<u>85N</u>
1639	AGE80	85N	Age Of Reference Person In 1980	2
1640	AG280		Age Of Person 2 In 1980	2
1641	AG380		Age Of Person 3 In 1980	2
1642	AG480		Age Of Person 4 In 1980	2
1643	AG580		Age Of Person 5 In 1980	2
1644	AG680		Age Of Person 6 In 1980	2
1645	AG780		Age Of Person 7 In 1980	3
1646	AG880		Age Of Person 8 In 1980	++
1647	AG980		Age Of Person 9 In 1980	++
1648	AG1080		Age Of Person 10 In 1980	++
1649	AG1180		Age Of Person 11 In 1980	++
1650	AG1280		Age Of Person 12 In 1980	++
1651	AG1380		Age Of Person 13 In 1980	++
1652	AG1480		Age Of Person 14 In 1980	++
1653	AG1580		Age Of Person 15 In 1980	++
			0 Less Than 1 Year	
			1-89 1-89 Years	
			90 90 Years Or More	
			99 Not Present, Vacant Unit, New Unit Or Not Found In 1980 Census	
				<u>85N</u>
1654	SEX80	85N	Sex Of Reference Person In 1980	2
1655	SX280		Sex Of Person 2 In 1980	2
1656	SX380		Sex Of Person 3 In 1980	2
1657	SX480		Sex Of Person 4 In 1980	2
1658	SX580		Sex Of Person 5 In 1980	2
1659	SX680		Sex Of Person 6 In 1980	2
1660	SX780		Sex Of Person 7 In 1980	3
1661	SX880		Sex Of Person 8 In 1980	++
1662	SX980		Sex Of Person 9 In 1980	++
1663	SX1080		Sex Of Person 10 In 1980	++
1664	SX1180		Sex Of Person 11 In 1980	++
1665	SX1280		Sex Of Person 12 In 1980	++
1666	SX1380		Sex Of Person 13 In 1980	++
1667	SX1480		Sex Of Person 14 In 1980	++
1668	SX1580		Sex Of Person 15 In 1980	++
			0 Male	
			1 Female	
			9 Not Present, Vacant Unit, New Unit Or Not Found In 1980 Census	

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
				<u>85N</u>
1669	MAR80	85N	Marital Status Of Reference Person In 1980	2
1670	MR280		Marital Status Of Person 2 In 1980	2
1671	MR380		Marital Status Of Person 3 In 1980	2
1672	MR480		Marital Status Of Person 4 In 1980	2
1673	MR580		Marital Status Of Person 5 In 1980	2
1674	MR680		Marital Status Of Person 6 In 1980	2
1675	MR780		Marital Status Of Person 7 In 1980	3
1676	MR880		Marital Status Of Person 8 In 1980	++
1677	MR980		Marital Status Of Person 9 In 1980	++
1678	MR1080		Marital Status Of Person 10 In 1980	++
1679	MR1180		Marital Status Of Person 11 In 1980	++
1680	MR1280		Marital Status Of Person 12 In 1980	++
1681	MR1380		Marital Status Of Person 13 In 1980	++
1682	MR1480		Marital Status Of Person 14 In 1980	++
1683	MR1580		Marital Status Of Person 15 In 1980	++
			0 Married	
			1 Widowed	
			2 Divorced	
			3 Separated	
			4 Never Married Or Age 0-15	
			9 Not Present, Vacant Unit, New Unit Or Not Found In 1890 Census	
				<u>85N</u>
1684	RACE80	85N	Race Of Reference Person In 1980	2
			1 White	
			2 Black	
			3 American Indian, Eskimo, Aleut Asian Or Pacific Islander	
			4 Japanese	
			5 Chinese	
			6 Filipino	
			7 Korean	
			8 Asian Indian	
			9 Vietnamese	
			10 Hawaiian	
			11 Other Asian and Pacific Islander Including Guamanian and Samoan	
			12 Spanish	
			13 Other	
			99 Vacant Unit, New Unit Or Not Found In 1980 Census	
			Note: The variable RACE80 is coded 12 (Spanish) if the respondent indicated "Spanish" in the space provided to record race. In a separate question, the respondent is asked to indicate Spanish origin (See SPAN80 below). This variable is more reliable to identify reference persons of spanish origin. On the few short forms households, code 11 only covers Guam and Samoa, code 12 is not present, and the respective house- holds are coded 13.	
				<u>85N</u>
1685	SPAN80	85N	Spanish Origin Of Reference Person In 1980	2
			0 Not Hispanic Or Spanish American	
			1 Mexican	
			2 Puerto Rican	
			3 Cuban	
			4 Other Spanish	
			9 Vacant Unit, New Unit Or Not Found In 1980 Census	

Notes: G = Variable is computer generated, and is not present on the questionnaire.

++ = Variable is present on a supplemental page to the questionnaire.

CC = Variable is present on the control card for the unit.

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
1686	NAME80	85N	Reference Person Has Spanish Surname In 1980 0 Not In Arizona, California, Colorado, New Mexico, Or Texas 1 Yes 2 No 3 Not Reported 9 Vacant Unit, New Unit, Or Not Found In 1980 Census	<u>85N</u> G
1687	FANC80	85N	First Ancestry Of Reference Person In 1980	<u>85N</u> 6
1688	FAN280	85N	First Ancestry Of Spouse Or 2nd Adult In 1980	8
1691	ENG80	85N	Reference Person Speaks English In 1980	<u>85N</u> 6
1692	ENG280		Spouse Or 2nd Adult Speaks English In 1980 0 Speaks only English 1 Very well 2 Well 3 Not well 4 Not at all 9 Vacant unit, new unit or not found in 1980 census or 2nd adult not present	8
1693	GRAD80	85N	Highest School Grade Attended by Reference Person In 1980	<u>85N</u> 2
1694	GRA280		Highest School Grade Attended by Spouse Or 2nd Adult In 1980 0 Never attended school 1 Nursery school 2 Kindergarten 3-14 Grade 1 - Grade 14 15-18 1-4 years of college 19-21 1-3 Years of graduate school 22 4 or more years of graduate school 99 Vacant unit, new unit or not found in 1980 census, or 2nd adult not present	2
1695	FGR80	85N	Reference Person Finished Highest Grade Attended In 1980	<u>85N</u> 2
1696	FGR280		Spouse Or 2nd Adult Finished Highest Grade Attended In 1980 0 Never attended school 1 Currently attending 2 Yes 3 No 9 Vacant unit, new unit or not found in 1980 census or 2nd adult not present	2

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
1697	SCH80	85N	Hhld Members Under 18 Enrolled In Schools In 1980 0 No children 5-16 enrolled in school 1 All children in public schools except 5-6 year olds not yet enrolled 2 All children in Parochial schools except 5-6 year olds not yet enrolled 3 All children in other private schools except 5-6 year olds not yet enrolled 4 All children in Parochial or other private schools except 5-6 year olds not yet enrolled 5 All children in public or Parochial schools except 5-6 year olds not yet enrolled 6 All children in public or other private schools except 5-6 year olds not yet enrolled 7 All children in all three types of schools except 5-6 year olds not yet enrolled 8 Some children 7-16 not enrolled in school 9 No hhld members 5-16, vacant unit, new unit or not found in 1980 census	<u>85N</u> 2
1698	PER80	85N	Number Of Persons In Household In 1980 0 Vacant unit 1-31 1-31 Persons in household 99 New unit or not found in 1980 census	<u>85N</u> G
1699	ZCOM80	85N	Recoded Household Type In 1980 0 Vacant unit or group quarters 1 Reference person and spouse present 2 Male reference person, no spouse present, other relative present 3 Female reference person, no spouse present, other relative present 4 No one related to reference person 5 New unit or not found in 1980 census	<u>85N</u> G
1700	ZKID80	85N	Children Of Reference Person In Household In 1980 0 Vacant unit, group quarters or no one related to reference person 1 Children under 6 years only 2 Children 6 to 17 years only 3 Both 4 No children 9 New unit or not found in 1980 census	<u>85N</u> G
1701	KIDS80	85N	Number Of Children Conceived By Reference Person Or Spouse In 1980 0 Male reference person and no wife present, or reference person/wife under 15 years 1 None 2-12 1-11 children 13 12 or more children 99 Vacant unit, new unit or not found in 1980 census	<u>85N</u> 6
1702	ZINC80	85N	Income Of Reference Person And Related Household Members (1979)	<u>85N</u> G
1703	ZIN280		Income Of All Household Members Including Non-Relatives (1979) 0 Vacant Unit, Group Quarters, or Zero Income -9995 Loss of \$9990 or more -9985-74995 Income or loss in dollars 75000 \$75,000 or more 99999 New Unit or Not Found in 1980 Census	G

Note: Income amounts are recoded using midpoint of \$10 interval.

Notes: G = Variable is computer generated, and is not present on the questionnaire.
++ = Variable is present on a supplemental page to the questionnaire.
CC = Variable is present on the control card for the unit.

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
1703A	POOR80		Poverty Status in 1979 0 Not Applicable Below Poverty Level 1 Below .75 of Poverty Cutoff 2 .75 to .99 Above Poverty Level 3 1 to 1.24 4 1.25 to 1.49 5 1.50 to 1.74 6 1.75 to 1.99 7 2.00 or More 9 Household Received Short Form Which Omits This Item	85N
1704	SAL80	85N	Annual Salary, Wages, Tips, Commissions (1979)-Reference Person	7
1705	SAL280		Annual Salary, Wages, Tips, Commissions (1979)-Spouse/2nd Adult	9
1706	VSS80		Social Security or Railroad Retirement (1979)-Reference Person	7
1707	VSS280		Social Security or Railroad Retirement (1979)-Spouse/2nd Adult	9
1708	VWEL80		Welfare or Public Assistance (Incl SSD)-Reference Person	7
1709	VWE280		Welfare or Public Assistance (Incl SSD)-Spouse or 2nd Adult 0 None or Under 16 Years Old 5-49995 Income in Dollars 50000 \$50,000 or more	9
1710	PBUS80	85N	Earnings From Business or Prof Prac (1979)-Reference Person	7
1711	PBU280		Earnings From Business or Prof Prac (1979)-Spouse/2nd Adult	9
1712	PFAR80		Earnings From Farm (1979)-Reference Person	7
1713	PFA280		Earnings From Farm (1979)-Spouse or 2nd Adult	9
1714	VDIV80		Int, Div, Royalties, or Net Rental Income (1979)-Reference Person	7
1715	VDI280		Int, Div, Royalties, or Net Rental Income (1979)-Spouse/2nd Adult	9
1716	VOTH80		Income From All Other Sources-Reference Person	7
1717	VOT280		Income From All other Sources--Spouse or 2nd Adult 0 None or under 16 years old -9995 Loss of \$9990 or more -9985-74995 Income in dollars 75000 \$75,000 or more	9
Note: Income from all other sources includes unemployment compensation, Veterans' payments, pensions or other than Social Security, and Railroad Retirement, alimony or child support or any other income received regularly. It does not include Lump Sum Payments. (See Introduction to the Income Section for a discussion of Income Sources.)				85N
1718	HFUE80	85N	Fuel Used Most For Heating In 1980	4
1719	WFUE80		Fuel Used Most For Water Heating In 1980	4
1720	CFUE80		Fuel Used Most For Cooking In 1980 0 Vacant Unit or Group Quarters 1 Gas From Underground Pipes 2 Gas LP, Bottled or Tank 3 Electricity 4 Fuel Oil, Kerosene, or Other Liquid Fuel 5 Coal or Coke 6 Wood 7 Other Fuel 8 No Fuel Used 9 New Unit, or Not Found in 1980 Census	4
1721	AMTE80	85N	Average Monthly Cost of Electricity In 1980 0 Vacant Unit, Group Quarters 1-199 \$1-\$199 200 \$200 or more 201 Included in Rent or No Charge 202 Not Used 999 New Unit or Not Found in 1980 Census	4

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
1722	AMTG80	85N	Average Monthly Cost of Gas in 1980 0 Vacant Unit, Group Quarters 1-149 \$1-\$149 150 \$150 or More 151 Included in Rent or No Charge 152 Not Used 999 New Unit or Not Found in 1980 Census	<u>85N</u> 4
1723	AMTO80	85N	Yearly Cost of Oil, Coal, Kerosene, Wood, Etc. In 1980 0 Vacant Unit, Group quarters 1-1999 \$1-\$1999 2000 \$2000 or More 2001 Included in Rent or No Charge 2002 Not Used 9999 New Unit or Not Found in 1980 Census	<u>85N</u> 4
1724	AMTW80	85N	Yearly Cost of Water and Sewage in 1980 0 Vacant Unit 1-499 \$1-\$499 500 \$500 or More 600 Included in Rent or No Charge 999 New Unit or Not Found in 1980 Census	<u>85N</u> 4
1725	ZSHM80	85N	Monthly Ownership Costs in 1980 0 Vacant Unit, Group Quarters or Not Applicable (See table in Introduction to this section) 1-1999 \$1-\$1999 2000 \$2000 or More 9999 New Unit or Not Found in 1980 Census	<u>85N</u> G
1726	VALU80	85N	Property Value in 1980 00 Group Quarters, Vacant Unit (except vacant for sale), Renter-Occupied or Selected Owner-Occupied Units (See table in Introduction to this section). 01 Less than \$10,000 02 \$10,000 to \$14,999 03 \$15,000 to \$17,499 04 \$17,500 to \$19,999 05 \$20,000 to \$22,499 06 \$22,500 to \$24,999 07 \$25,000 to \$27,499 08 \$27,500 to \$29,999 09 \$30,000 to \$34,999 10 \$35,000 to \$39,999 11 \$40,000 to \$44,999 12 \$45,000 to \$49,999 13 \$50,000 to \$54,999 14 \$55,000 to \$59,999 15 \$60,000 to \$64,999 16 \$65,000 to \$69,999 17 \$70,000 to \$74,999 18 \$75,000 to \$79,999 19 \$80,000 to \$89,999 20 \$90,000 to \$99,999 21 \$100,000 to \$124,999 22 \$125,000 to \$149,999 23 \$150,000 to \$199,999 24 \$200,000 or More 99 New Unit or Not Found in 1980 Census	<u>85N</u> 3

Notes: G = Variable is computer generated, and is not present on the questionnaire.
++ = Variable is present on a supplemental page to the questionnaire.
CC = Variable is present on the control card for the unit.

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
1727	MORT80	85N	Mortgage or Other Secured Loan on Property in 1980 0 Vacant Unit, Group Quarters or Selected Owner-Occupied Units (See Table) 1 Mortgage 2 Contract to Purchase 3 Own Fee and Clear 9 New Unit or Not Found in 1980 Census	<u>85N</u> 5
1728	SMOR80	85N	2nd or Junior Mortgage on Property in 1980	<u>85N</u> 5
1729	TXIN80		Real Estate Taxes Incl in Mortgage/Contract Payment in 1980	5
1730	INS80		Fire/Hazard Ins Incl in Mortgage/Contract Payment in 1980 0 Vacant Unit, Group Quarters, No Mortgage or Selected Owner-Occupied Units (See Table) 1 Yes 2 No 9 New Unit or Not Found in 1980 Census	5 <u>85N</u>
1731	AMTT80	85N	Yearly Cost of Real Estate Taxes and Fire/Hazard Ins in 1980 0 Vacant Unit, Group Quarters, No Payment or Selected Owner-Occupied Units (See Table) 1-2999 \$1-\$2999 3000 \$3000 or more 9999 New Unit or Not Found in 1980 Census	5 <u>85N</u>
1732	ZREN80	85N	Recorded Gross Rent (Contract Rent Plus Utilities) in 1980 0 No Cash Rent, Vacant Unit, Group Quarters, Owner-Occupied or 1-Unit Structure on More Than 10 Acres 1-998 \$1-\$998 999 \$999 or More 9999 New Unit or Not Found in 1980 Census	<u>85N</u> G
Note: Gross Rent is obtained by taking the midpoint of the Contract Rent Category reported by the respondent (See RENT80 below) and adding all utilities paid separately.				
1733	RENT80	85N	Monthly Contract Rent in 1980 0 Vacant Unit (Except Vacant for Rent), Group Quarters, Owner-Occupied or 1-Unit Structure on More Than 10 Acres 1 Less than \$50 2 \$50 to \$59 3 \$60 to \$69 4 \$70 to \$79 5 \$80 to \$89 6 \$90 to \$99 7 \$100 to \$109 8 \$110 to \$119 9 \$120 to \$129 10 \$130 to \$139 11 \$140 to \$149 12 \$150 to \$159 13 \$160 to \$169 14 \$170 to \$179 15 \$180 to \$189 16 \$190 to \$199 17 \$200 to \$224 18 \$225 to \$249 19 \$250 to \$274 20 \$275 to \$299 21 \$300 to \$349 22 \$350 to \$399 23 \$400 to \$499 24 \$500 or More 25 No Cash Rent 99 New Unit or Not Found in 1980 Census	<u>85N</u> 3

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
1734	MOVE80	85N	Year Reference Person Moved in (1980 Census Questionnaire) 0 Group Quarters or Vacant Unit 1 1979 to March 1980 2 1975 to 1978 3 1970 to 1974 4 1960 to 1969 5 1950 to 1959 6 1949 or Earlier 9 New Unit or Not Found in 1980 Census	<u>85N</u> 4
1735	STBR80	85N	Place of Birth of Reference Person in 1980	<u>85N</u> 6
1736	STB280		Place of Birth of Spouse or 2nd Adult in 1980 1-56 State Code (See variable STBRN1 in the Past and Future Home section) 60-997 Foreign Country Code (See Exhibit 4 at the end of section) 999 Vacant Unit, New Unit or Not Found in 1980 Census, or 2nd Person Not Present	8
1737	CITZ80	85N	Citizenship of Reference Person in 1980	<u>85N</u> 6
1738	CIT280		Citizenship of Spouse or 2nd Adult in 1980 0 Born in United States or Outlying Areas 1 Naturalized Citizen 2 Not a Citizen 3 Born Abroad of American Parents 9 Vacant Unit, New Unit or Not Found in 1980 Census, or 2nd Person Not Present	8
1739	IMMI80	85N	Year of Immigration (Reference Person) in 1980 0 Born in US or Abroad from American Parents 1 1975 to 1980 2 1970 to 1974 3 1965 to 1969 4 1960 to 1964 5 1950 to 1959 6 Before 1950 9 Vacant Unit or New Unit or Not Found in 1980 Census	<u>85N</u> 6
1740	LOC80	85N	In 1975, Reference Person Lived	<u>85N</u> 6
1741	LOC280		In 1975, Spouse or 2nd Adult Lived In 0 C Sample (See Introduction), Not Part of Migration Sample or Born April 1975 or Later 1 In Same House/Apartment 2 In Same SMSA, Central City 3 In Same SMSA, Outside Central City 4 In Different SMSA, Central City 5 In Different SMSA, Outside Central City 6 Outside SMSA, or Abroad (In SMSA in 1980) 7 In SMSA, Central City (Outside SMSA in 1980) 8 In SMSA, Outside Central City (Outside SMSA in 1980) 9 Outside SMSA or Abroad (Outside SMSA in 1980) 10 Lives in a Mixed Metro/Non-Metro Area in 1980 99 Vacant Unit, New Unit or Not Found in 1980 Census, or 2nd Person Not Present	8

Note: In the A Sample, some Small Metropolitan Areas were combined with nearby non-metropolitan areas. These cases are coded 10.

Notes: G = Variable is computer generated, and is not present on the questionnaire.
++ = Variable is present on a supplemental page to the questionnaire.
CC = Variable is present on the control card for the unit.

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
				<u>85N</u>
1741A	R7580		Residence in 1975 (reference person)	
1741B	R75280		Residence in 1975 (second adult)	
			0 Not Applicable	
			1 Same House	
			2 Northeast	
			3 North Central	
			4 South	
			5 West	
			6 Abroad	
			9 Vacant, Second Adult Not Present, or Household Received Short Form Which Omits This Item	
				<u>85N</u>
1742	ZLAB80	85N	Recoded Labor Force Status-Reference Person In 1980	G
1743	ZLA280		Recoded Labor Force Status-Spouse or 2nd Adult in 1980	G
			0 Under 16 Years Old	
			1 Civilian, At Work	
			2 Civilian, Not at Work (Layoff, Vacation, Temporary Illness, Job Not Yet Started)	
			3 Unemployed	
			4 In Armed Forces, at Work	
			5 In Armed Forces, Not at Work (Layoff, Vacation, Temporary Illness, Job Not Started)	
			6 Not in Labor Force (Student, Volunteer, Housework, Unpaid Worker in Family Business)	
			9 Vacant Unit, New Unit or Not Found in 1980 Census, or 2nd Person Not Present	
				<u>85N</u>
1744	LYRW80	85N	Year Reference Person Last Worked	7
1745	LYR280		Year Spouse or 2nd Adult Last Worked	9
			0 Under 16 Years Old	
			1 1980	
			2 1979	
			3 1978	
			4 1975-77	
			5 1970-1974	
			6 1969 or Earlier	
			7 Never Worked	
			9 Vacant Unit, New Unit or Not Found in 1980 Census, or 2nd Adult Not Present	
				<u>85N</u>
1746	OCC80	85N	Occupation of Reference Person In 1980	7
1747	OCC280		Occupation of Spouse or 2nd Adult in 1980	9
			0 Under 16 Years Old, in Armed Forces, Not in Labor Force, Did Not Work After 1974 or Never Worked	
			3-909 Occupation Code (See Exhibit 2 at end of section)	
			999 Vacant Unit, New Unit or Not Found In 1980 Census, or 2nd Person Not Present	
				<u>85N</u>
1748	IND80	85N	Type of Business or Industry (Reference Person) in 1980	7
1749	IND280		Type of Business or Industry (Spouse or 2nd Adult)	9
			0 Under 16 Years Old, in Armed Forces, Not in Labor Force, Did Not Work After 1974 or Never Worked	
			10-992 Industry Code (See Exhibit 3 at end of section)	
			999 Vacant Unit, New Unit, or Not Found in 1980 Census, or 2nd Person Not Present	

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
				<u>85N</u>
1750	EMPL80	85N	Type of Employment (Reference Person) In 1980	7
1751	EMP280		Type of Employment (Spouse or 2nd Adult)	9
			0 Under 16 Years Old, Did Not Work After 1974 or Never Worked	
			1 Private Company	
			2 Federal Government	
			3 State Government	
			4 Local Government	
			5 Self-Employed (Not Incorporated)	
			6 Employed in Own Corporation	
			7 Unpaid Family Worker	
			9 Vacant Unit, New Unit, or Not Found in 1980 Census, or 2nd Adult Not Present	
				<u>85N</u>
1752	HRLW80	85N	Hours Worked by Reference Person Last Week in 1980	6
1753	HRL280		Hours Worked by Spouse or 2nd Adult Last Week in 1980	8
			0 Under 16 Years Old, Not at Work or Not in Labor Force	
			1-89 1-89 Hours Worked	
			90 90 or More Hours Worked	
			91 Layoff	
			92 Vacation, Temporary Illness, Strike, Etc.	
			93 Not Answered	
			99 Vacant Unit, New Unit or Not Found In 1980 Census, or 2nd Adult Not Present	
				<u>85N</u>
1756	WKW80	85N	Weeks Worked by Reference Person in 1979	7
1757	WKW280		Weeks Worked by Spouse or 2nd Adult in 1979	9
			0 Under 16 Years Old or Did Not Work in 1979	
			1-52 1-52 Weeks	
			99 Vacant Unit, New Unit or Not Found in 1980 Census, or 2nd Person Not Present	
			Note: Includes Paid Vacation, Paid Sick Leave and Military Service	
				<u>85N</u>
1758	HRW80	85N	In 1979, Reference Person Usually Worked	7
1759	HRW280		In 1979, Spouse or 2nd Adult Usually Worked	9
			0 Under 16 Years Old or Did Not Work in 1979	
			1-98 1-98 Hours Per Week	
			99 99 or More Hours, Vacant Unit, New Unit, or Not Found in 1980 Census, or 2nd Adult Not Present	
				<u>85N</u>
1760	WKUN80	85N	Weeks Reference Person Was Unemployed and Looking For Work in 1979	7
1761	WKU280		Weeks Spouse or 2nd Adult Was Unemployed/Looking For Work in 1979	9
			0 Under 16 Years Old or was Not Employed in 1979	
			1-52 1-52 Weeks	
			99 Vacant Unit, New Unit, or Not Found in 1980 Census, or 2nd Adult Not Present	
				<u>85N</u>
1762	LOOK80	85N	Reference Person Looking for Work in Last 4 Weeks in 1980	7
1763	LOO280		Spouse or 2nd Adult Looking for Work in Last 4 Weeks in 1980	9
			0 Under 16 Years Old or at Work	
			1 Yes	
			2 No	
			3 Not Answered	
			4 Vacant Unit, New Unit, or Not Found in 1980 Census, or 2nd Adult Not Present	

Notes: G = Variable is computer generated, and is not present on the questionnaire.
++ = Variable is present on a supplemental page to the questionnaire.
CC = Variable is present on the control card for the unit.

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
				<u>85N</u>
1764	ABLE80	85N	Could Reference Person Have Taken a Job Last Week in 1980	7
1765	ABL280		Could 2nd Adult Have Taken a Job Last Week in 1980	7
			0 Under 16 Years Old, Not Looking for a Job or at Work	
			1 No, Already has a Job	
			2 No, Temporarily Ill	
			3 No, Other Reasons (e.g. School)	
			4 Yes	
			5 Not Answered	
			9 Not Applicable	
				<u>85N</u>
1766	TRAN80	85N	Principal Means of Transportation to Work-Reference Person in 1980	6
1767	TRA280		Principal Means of Transportation to Work-2nd Adult in 1980	8
			0 Under 16 years of Age, Not at Work or Not in Labor Force	
			1 Car	
			2 Truck	
			3 Van	
			4 Bus or Streetcar	
			5 Railroad	
			6 Subway or Elevated	
			7 Taxicab	
			8 Motorcycle	
			9 Bicycle	
			10 Walk to Work	
			11 Work at Home	
			12 Other Means	
			99 Vacant Unit, New Unit or Not Found in 1980 Census, or 2nd Adult Not Present	
				<u>85N</u>
1768	VEHC80	85N	Reference Person Belongs to Carpool in 1980	7
1769	VEH280		Spouse or 2nd Adult Belongs to Carpool in 1980	9
			0 Under 16 Years Old, Not at Work, Not in Labor Force, Does Not Use Car, Truck, or Van	
			1 Drives Alone	
			2 Shares Driving in Carpool	
			3 Always Drives Others	
			4 Always Rides With Someone Else	
			9 Vacant Unit, New Unit, or Not Found in 1980 Census, or 2nd Adult Not Present	
				<u>85N</u>
1770	PASS80	85N	Number of People Usually Riding in Reference Person's Carpool in 1980	7
1771	PAS280		Number of People Usually Riding in 2nd Adult's Carpool in 1980	9
			0 Under 16 Years Old, Not at Work, Not in Labor Force, Drives Alone, or Does Not Use Car, Truck, or Van	
			1-5 2 to 6 Persons	
			6 7 or More Persons	
			9 Vacant Unit, New Unit, or Not Found in 1980 Census, or 2nd Adult Not Present	

REF#	NAME	SURVEYS	DESCRIPTION	PAGE ON QUESTIONNAIRE
				<u>85N</u>
1772	TIME80	85N	Time Required for Journey to Work-Reference Person in 1980	6
1773	TIM280		Time Required for Journey to Work-2nd Adult in 1980	G
			0 Under 16 Years Old, Not at Work, Not in Labor Force, Work at Home, or Does Not Use Car, Truck, or Van	
			1-98 1-98 Minutes	
			99 99 Minutes or More	
			999 Vacant Unit, New Unit, or Not Found in 1980 Census, or 2nd Adult Not Present	
				<u>85N</u>
1774	WMET80	85N	Recoded Place of Work, SMSA-Ref Person in 1980	6
1775	WME280		Recoded Place of Work, SMSA-Spouse or 2nd Person in 1980	8
			0 Not Part of JTW Sample, Under 16 Years Old, Not at Work, Not in Labor Force, Place of Work Outside US, Work Outside US, Work at Home, No Fixed Work Place, Or Not Reported	
			1 Work in CBD of any UA	
			2 Work Outside CBD, in Central City of UA of Residence	
			3 Elsewhere	
			9 Vacant Unit, New Unit, or Not Found in 1980 Census, or 2nd Adult Not Present	
			Note: Cases in mixed metro/non-metro area in Sample A are never coded 1-2, they are considered as living outside SMSA and assigned code 3 as appropriate.	
				<u>85N</u>
1776	WDIS80	85N	Work and Public Transportation Disability in 1980	6
			0 Not Applicable	
			1 Someone in Hhld has Transportation and Work Disabilities, and is prevented from working	
			2 Someone in Hhld has Transportation and Work Disabilities, but is not prevented from working	
			3 Someone in HHld has Transportation Disability, but no Work Disability	
			4 No One in Hhld has Transportation Disability, but someone has a Work Disability and is prevented from working	
			5 No One in Hhld has Transportation Disability, but someone has a Work Disability though they are prevented from working	
			6 No One in Hhld has a Transportation or Work Disability	
				<u>85N</u>
1777	VET80	85N	Most Recent Veteran Status of Reference Person in 1980	6
1778	VET280		Most Recent Veteran Status of Spouse or 2nd Adult in 1980	8
			0 Not a Veteran or Under 16 Years Old	
			1 Served in May 1975 or Later	
			2 Vietnam War (8/64-4/75)	
			3 Served Between 2/55 and 7/64	
			4 Korean Conflict (6/50-1/55)	
			5 World War II (9/40-7/47)	
			6 World War I (4/17-11/18)	
			7 Served at Any Other Time	
			9 Vacant Unit, New Unit, or Not Found in 1980 Census, or 2nd Adult Not Present	

Notes: G = Variable is computer generated, and is not present on the questionnaire.
 ++ = Variable is present on a supplemental page to the questionnaire.
 CC = Variable is present on the control card for the unit.